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Lancaster Farming

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Another Chance At A Championship Brings Umbrells Back To The Farm Show

Tina, left and Matt Umbrell will be showing these hogs at the Pennsylvania Farm Show junior competition on Tuesday, Jan. 11. The Farm Show is open for judging on Friday, Jan. 7, opens for the public on Saturday, Jan. 8, and continues through Jan. 13.
Photo by Andy Andrews

ANDY ANDREWS
Lancaster Farming Staff

ELIZABETHTOWN (Lancaster Co.) — Tina Umbrell enjoyed last year's junior market competition during the Pennsylvania Farm Show so much she decided to return. And this time, she has company.

Who's she taking? Her brother Matt, who learned also by watching 4-H members show their animals. Her resolution for the show? She's not going to lose any money.

Last year, Tina's first year at the Farm Show, she didn't place high enough in the junior show to earn good prize money, and her hogs had to be sold at market price. While she said she may not have not *lost* money, exactly, she's convinced she didn't make any. This time, Tina said she vows to do better.

"When I was younger, I watched the older members of the club showing their hogs," said Tina, 18, daughter of Dennis and Linda Umbrell, during an interview at the farm.

As for last year's show, held the morning of January 12, the current Outstanding Member of the Lancaster 4-H Swine Club said that with all the help she has garnered from the club, and from her work at home on her parents' 350-sow farrow-to-feeder pig herd, she hopes to improve.

Tina served as Lancaster 4-H Swine Club vice president, and also president of the Elizabethtown High School FFA Chapter. In 1992, Tina placed first in senior showmanship at the county roundup, was awarded a blue ribbon for the top 10 project book two years in a row, and raised 19 market hogs in a profitable year.

Matt, 16, is a sophomore at Elizabethtown High School and a 4-H member.

Matt acknowledged that his sister suggested, pretty strongly, that he can learn a great deal about showing for future county fairs. In this case, both Matt and Tina will each take a hog to the show, which last year included 339 hogs.

This year, the Junior Market Swine Show is scheduled in the Small Arena on Tuesday, Jan. 11 at 8:30 a.m.

Tina is taking along "Dimple," her 210-pound York/Hamp/Duroc gilt. Matt will be exhibiting his 200-pound York/Hamp/Duroc gilt also at the show.

Tina said she got involved by watching others and seeing how much they enjoyed being members of 4-H. The tremendous benefits of joining a 4-H club became known to many others in the county — so much so that the club membership grew from about 40 members about six or seven years ago to about 90 today.

Years ago, many "never got that opportunity," said the 4-H'ers mother, Linda Umbrell. She said that she would have gotten involved in 4-H if she could have when she was a child.

"The club helps newer mem-
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Countdown To Farm Show

The Umbrell family in this issue, along with hundreds of other farm families across Pennsylvania, are preparing livestock, crop, and home exhibits for the 78th state Farm Show in Harrisburg next week. The agribusiness suppliers of machinery and services have begun to set up their booths at the Farm Show Complex, too.

At *Lancaster Farming*, our annual Farm Show issue next week is scheduled to be published a day early to be ready for you at the opening of the show. Judging starts on Friday, but the show does not open to the public until Saturday, January 8. Look for more on-farm interviews of families who plan to show their prize livestock or produce. In addition, we will have news articles about the show, judging and meeting schedules, and messages from commercial exhibitors who invite you to visit them at their booths during the show.

To help in your advanced planning to visit the show, we have published the layout of the Farm Show building and judging and meeting schedules this week on pages C19-C22.

To accommodate our early publication date to meet the opening of the Farm Show, we have early deadlines for advertising and news stories next week. These deadlines are as follows:

Public Sale Ads — Noon, Mon., 1/3.

Mailbox Markets — Noon, Mon., 1/3.

General News — Noon, Wed., 1/5.

Classified Section C Ads — 5 p.m., Tues., 1/4.

All Other Classified Ads — 9 a.m., Wed. 1/5.

1993: A Year To Challenge Understanding

VERNON ACHENBACH JR.
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — The past year has been one which has brought to the forefront in Pennsylvania agriculture, if not in all of the United States, a challange for better understanding.

Throughout the year, changes in technologies, politics, treaties, and realities have been significant, ranging from a three-nation Western hemisphere trading alliance, to the approval of commercial artificial bovine somatotropin (BST).

All year, industry and political battles have been waged over gaining support for a variety of opinions on how to address issues, such as pricing milk to implementing a nutrient management plan.

Among all the changes that have taken place, there are those who decry change and those who welcome it.

We at *Lancaster Farming* take the position that all change means one thing: we are challenged to do a better job of understanding, of learning, of listening and thinking, and ultimately, doing.

And in that vein, and in our opinion, 1993 has presented more than enough challenges to last for several years.

On March 13, Pennsylvania was hit with the biggest blizzard of the century, according to Associated Press reports.

The snow fell at the rate of up to 4 inches per hour. Accumulations ranged from 14- to 18-inches in Centre County, 17 inches in Cumberland County, 16 inches in Dauphin County, 11 inches in Erie (which normally receives a significant amount of snowfall), 14- to 18-inches in Lebanon County, up to 20 inches in York, and 21 inches in the Pittsburgh vicinity.

The snow melt caused flooding of rivers and streams and ground saturation that delayed some spring planting.

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Polls Show High Confidence In Dairy, BST Or Not

WASHINGTON, D.C. — Three consecutive national polls conducted for the Grocery Manufacturers of America (GMA) have reported strong milk consumption and consistently high consumer "trust" in the milk supply since the Food and Drug Administration approved supplemental BST on Nov. 5.

The most recent survey, conducted over the Thanksgiving weekend, found more than nine out of 10 households-with-children reported consuming the same amount or more milk over the past two weeks. Consumer confidence in the milk supply has remained strong despite unsuccessful attempts by activists to stage media events in selected cities.

"After several months of anti-BST extremists trying to mislead people about the safety of this product, it's obvious that the public is smart enough to distinguish between their false rhetoric and the enormous mountain of evidence provided by the Food and Drug Administration, the National Institutes of Health and virtually every

(Turn to Page A32)

New Year's Greetings To One & All

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.
Monday, December 27, 1993

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	712	86	317	950	748
Last Monday	767	76	560	1777	674
Last Year	752	81	215	1223	822

CATTLE: Compared to last week's close slaughter steers 50-75 lower; slaughter heifers fully steady with last Monday; cows mostly steady; bullocks and bulls steady. Supply included 55% slaughter steers, 10% slaughter heifers, 20% cows, with the balance bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1160-1450 lb 69.50-72.50, few 72.50- 73.10; few Choice and Prime 2-3 1200-1350lb 72.75-74.25; Choice mostly 3 few 4 1450-1575 lb 66.25-71.75; Choice 3 to mostly 4 1250-1450 lb 66.60-69.50; Select and low Choice 2-3 1100-1450 lb 64.25-68.50.

HOLSTEINS: Choice 2-3 1090-1550 lb 60.00-62.50; few High Choice and Prime 2- 3 1200-1550 lb 62.00-64.75; Select 1-3 1100-1550 lb 58.00-60.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1250 lb 64.50-69.50; couple Choice 2 1000- 1260 lb 70.50-73.00; Select 1-3 1100-1550 lb 58.00-60.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 47.50-49.00 49.00-50.00 Commercial 3-4 44.00-47.00 Cutter & Boning Utility 1-3 44.00-45.00 45.00-47.50 47.50-49.00 Canner & low Cutter 1-2 38.00-42.00 42.00-44.00.

BULLOCKS: Choice 2-3 1175-1400 lb 66.00-70.50, couple 70.50-74.50; Select 1-3 1100-1400 lb 63.00-64.50.

BULLS: Yield grade 1 1300-1950 lb 61.00-67.00, eight head 1260-1850 lb 71.50-77.00; Yield grade 2 1100-1500 lb 56.75-60.00, few low dressing 54.50-56 00.

CALVES: Small supply vealers steady; slaughter calves not tested. Demand good for Holstein bulls to return to farm.

VEALERS: Few Choice 180-300 lb 80.00-100.00, individual 240 lb 125.00; high Good and low Choice 200-325 lb 70.00-85.00.

RETURNED TO FARM: Bulk 90-120 lb Holstein bulls 140.00-175.00.

HOGS: Barrows and gilts 1.00 higher; sows 1.00-2.00 lower.

BARROWS AND GILTS: US 1-3 215-260 lb 39.50-40.00. US 1 215-240 lb 41.00-43.00.

SOWS: US 1-3 Few 300-450 lb 30 00-32.00, 450-650 lb 33.00-34.00.

BOARS: All Weights 27.00-28.00.

SHEEP: Slaughter lambs weak to 5.00 lower; slaughter ewes fully steady. Supply included 50% old crop lambs, 25% new crop lambs, with the balance Yearlings and slaughter ewes.

WOOLED LAMBS: Choice 2-3 80-110 lb 70.00-80.00, 110-130 lb 60.00-70.00, 55- 80 lb 75.00-100.00.

NEW CROP LAMBS: Choice 1-2 20-40 lb 150.00-200.00, 40-60 lb 110.00-150.00, 60-80 lb 100.00-110.00, 80-110 lb 80.00-85.00.

SLAUGHTER EWES: Choice 1-3 40.00-55.00; Utility and Good 1-2 25.00-50.00.

GOATS: All goats sold by the head. Supply included 25% Billies, 15% Nannies and Yearlings; 40% Kids, and 20% Angoras. Billies: Large 110.00-150.00, several 150.00-200.00; Medium 75.00-100.00. Nannies: Large 70.00-85.00; Medium 60.00-75.00. Yearlings: All weights and grades 40.00-65.00. Kids: Choice 45.00-60.00; Good 35.00-45.00; Utility 20.00-35.00. Angoras: All weights 30.00-40.00.

Vintage Livestock Auction

Paradise, Pa.
Tuesday, December 28, 1993
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	750	888	13	1
Last Tuesday	561	927	31	0
Last Year	879	1020	3	0

CATTLE..USDA.. Supply included 26% sl. steers and 68% cows ..Compared with Tuesday's market: sl. steers steady with few sales Choice 2 firm; sl. heifers fully steady; cows 1.00 to 2.00 higher; bulls not fully tested. SLAUGHTER STEERS: Choice 2-3 few 4 1075/1425 lbs. 69.75-73.75, Choice and Prime 2-3 1125/1425 lbs. 74.00-75.25, couple 75.50-76.50, few Choice 2-4 1475/1675 lbs. 67.00-70.00, Select and Low Choice 2-3 1100/1450 lbs. 67.00-70.00. HOLSTEINS: few Choice 2-3 1300/1580 lbs. 60.25-62.00. HEIFERS: Choice 2-3 950/1200 lbs. 63.50-67.85, few Select 1-3 925/1050 lbs. 60.00-62.50. COWS: Breaking Utility and Commercial 2-3 bulk 46.00-49.50, high dressing 49.50-51.50, Commercial 3-4 bulk 43.00-46.00, Cutter and Boning Utility 1-3 low dressing 45.50-47.00, bulk 47.00-49.50, high dressing 49.50-53.00, Canner and Low Cutter 1-2 low dressing 40.00-43.00, bulk 43.00-46.50. BULLS: few Yield Grade No. 2 1300/2090 lbs. 55.00-59.75, couple Yield Grade No. 1 1450/1800 lbs. 60.50-62.50.

CALVES...Vealers steady, although only about 35 sold for slaughter. Supply included 781 in graded sale. VEALERS: few High Good and Low Choice 240/300 lbs. 65.00-77.00, few 80/110 lbs. 50.00-62.00, 20 head Standard and Low Good 60/65 lbs. 30.00-43.00. RETURNED TO FARM: 25 head 120/125 lbs. Holstein bulls 152.00-157.00, 70 head 110/115 lbs. 160.00-161.00, 170 head 95/105 lbs. 167.00-172.00, 55 head 90/95 lbs. 152.00-155.00 and 50 head 80/85 lbs. 100.00-110.00, 30 head small frame 110/115 lbs. 146.00-147.00, 65 head 100/105 lbs. 138.00-140.00, 60 head 90/95 lbs. 117.00-126.00 and 50 head 80/85 lbs. 70.00-73.00; 70 head 80/115 lbs. Holstein heifers 205.00-215.00, 35 head small frame 80/105 lbs. 182.00-197.00.

SHEEP...Insufficient volume for market test.

GOATS...No market test.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, December 28, 1993
Report Supplied by Auction

SLAUGHTER STEERS: CHOICE: NONE OFFERED. SELECT: (1450-1750 LB.) 66.00-68.50.

SLAUGHTER HOLSTEINS: SELECT & CHOICE 58.50-63.50; STANDARD 55.00-58.00.

SLAUGHTER COWS: ACTIVE! STRONGEST DEMAND FOR EARLY-BIRD PEN. BREAK UT. & COMM: 47.00-50.00; CUTTER & BONING UT: 45.00-50.00; CANNER & LOW CUTTER: 42.00-46.00; BIG MIDDLE: 44.00-48.00; SHELLY: 41.00 & DOWN.

SLAUGHTER FAT BULLS: 58.50-60.25.

FEEDER STEERS: MEDIUM & LARGE #1: 89.00-100.00.

FEEDER HEIFERS: (600-750 LB.): 69.00-74.00.

FEEDER BULLS: (600-750 LB.) 68.00-74.00.

VEAL CALVES: STRONG DEMAND FOR CALVES RETURNING TO THE FARM, CHOICE: 80.00-100.00, STANDARD: 60.00-75.00.

HOLSTEIN FARM BULLS: (95-125 LB.): 170.00-187.00, (UNDER 95 LB.): TO 170.00.

HOLSTEIN FARM HEIFERS: (90-130 LB.): 190.00-200.00.

HOGS: BARROWS & GILTS: US #1-3 (220-270 LB.): 38.50-40.50, (OVER 280 LB.): 37.25-39.75; 2 & 4'S (ALL WEIGHTS): 37.50-38.00.

SOWS: (OVER 450 LB.): 32.00-34.00, (UNDER 450 LB.): 31.00-32.25, #2&4'S: (ALL WEIGHTS) 28.25-30.75.

BOARS: 29.50-30.00.

SHEEP: 25.00-50.00.

LAMBS: CHOICE: (90-110 LB.): 68.00-91.00.

GOATS: (BY THE HEAD): LARGE: 72.00-130.00, SM/MED/KIDS: 30.00-65.00.

SALE EVERY TUESDAY: PRODUCE, RABBITS, POULTRY, & EGGS - SALE TIME: 5:00 P.M., RECEIVING: 4:00 P.M., LIVESTOCK SALE TIME 7:00 P.M.

HAPPY NEW YEAR! LOOKING FORWARD TO SERVING YOU IN 1994!

New Holland Livestock

New Holland, Pa.
Thursday, December 23, 1993

	Cattle	Calves	Sheep	Goats
Today	468	374	224	289
Last Thursday	1017	544	452	355
Last Year	504	198	49	43

CATTLE: SLAUGHTER STEERS MOSTLY STEADY; SLAUGHTER HEIFERS NOT TESTED; COWS STEADY TO 1.00 HIGHER; BULLS NOT FULLY TESTED. SUPPLY INCLUDED 28% AND 47% COWS.

SLAUGHTER STEERS: CHOICE 2-3 FEW 4 1076-1475 LB. 70.75-74.75; FEW CHOICE AND PRIME 2-4 1175-1375 LB. 74.00-75.50; SELECT AND LOW CHOICE 2-3 1050-1475 LB. 68.00-71.00.

COWS: BREAKING UTILITY & COMMERCIAL 2-3, BULK 46.00-49.75, HIGH DRESSING 49.75-51.00; COMMERCIAL 3-4, BULK 42.00-46.00; CUTTER & BONING UTILITY 1-3, LOW DRESSING 44.50-45.75, BULK 45.75-49.00, HIGH DRESSING 49.00-51.00; CANNER & LOW CUTTER 1-2, LOW DRESSING 38.00-41.50, BULK 41.50-45.00.

BULLS: FEW YIELD GRADE 1 1400-1800 LB. 61.00-65.75; FEW YIELD GRADE 2 1200-1500 LB. 56.00-59.00.

CALVES: VEALERS STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: COUPLE CHOICE 150-200 LB. 84.00-92.00, INDIVIDUAL 215 LB. 120.00; HIGH GOOD AND LOW CHOICE 200-350 LB. 60.00-90.00, 80-110 LB. 50.00-62.00; STANDARD AND LOW GOOD 65-85 LB. 42.00-50.00.

RETURNED TO FARM: BULK 90-120 LB. HOLSTEIN BULLS 150.00-177.00, FEW 177.00-185.00; SMALL FRAME 85-115 LB. 95.00-145.00.

SHEEP: SLAUGHTER LAMBS MOSTLY STEADY; SLAUGHTER EWES STEADY.

WOOLED LAMBS: CHOICE 2-3 80-115 LB. 44.00-71.00, 55-80 LB. 72.00-88.00.

NEW CROP LAMBS: 10 HEAD CHOICE 1-2 35-48 LB. 200.00-220.00, SIX HEAD 45-55 LB. 122.00-155.00, AND 10 HEAD 60 LB. 102.00-118.00.

SLAUGHTER EWES: FEW CHOICE 2-3 42.00-54.00; UTILITY AND GOOD 1-3 22.00-40.00.

GOATS: ALL GOATS SOLD BY THE HEAD. BILLIES: LARGE 80.00-115.00, TEN HEAD 130.00-170.00, WITH SIX HEAD 180.00-200.00. NANNIES: ALL WEIGHTS 46.00-65.00. YEARLINGS: CHOICE 68.00-90.00; GOOD 45.00-65.00; KIDS: CHOICE 52.00-64.00; GOOD 37.00-50.00; UTILITY 25.00-35.00.

Some markets not available due to the holiday

Some markets, which missed last week's deadline, are printed in this issue.

North Jersey Livestock

Hackettstown, NJ
Report Supplied by Auction
Tuesday, December 28, 1993
Report supplied by auction

CALVES .25-2.00.
COWS 23½ -53
EASY COWS .10½ -.45.
HEIFERS .41½ -.62.
BULLS .48-.68½ .
STEERS .52½ -.69.
HOGS .32-.49.
ROASTING PIGS EACH 10.00-47.00.
BOARS .29.
SOWS .31.
SHEEP .25-.64.
LAMBS EACH 25.00-84.00.
LAMBS PER LB. .47-1.07.
GOATS EACH 25.00-130.00.
KIDS EACH 23.00-100.00.
TOTAL 1264.

Philadelphia Potato & Onion

Philadelphia, Pa.
Wednesday, December 29, 1993

ONIONS AND POTATOES ---ONIONS DRY: MARKET ABOUT STEADY US#1 OR GENERALLY GOOD QUAL AND COND UNLESS OTHERWISE STATED. Yellow Globe Type NY 50 lb sks med 7.00-9.00 mostly 8.00-8.50 few 10.00 Spanish Hybrid CO 50 lb sks col 22.00 jbo 18.00-20.00 mostly 20.00 few 21.00-22.00 ID/OR 50 lb sks col 24.00-25.00 jbo 20.00 few 22.00-23.00 White CO 50 lb sks jbo 30.00-31.00 Boilers CO 25 lb sks jbo 14.00 Red NY 25 lb sks jbo 10.00-11.00 mostly 10.00 med 7.00-8.50 mostly 8.00 ---POTATOES: MARKET ABOUT STEADY US#1 SZ A WASHED OR BRUSHED UNLESS OTHERWISE STATED Russet Burbank ID bld 10 5-lb flmbgs non sz A 9.00-9.50 mostly 9.50 50 lb ctns 70s 16.00-18.00 mostly 17.00-18.00 80s 16.00-18.00 mostly 17.00-18.00 90s 14.00-16.00 some loas 13.00 100s 8.00-10.00 mostly 9.00 few hias 12.00 Norkotah CD Prince Edward Island 50 lb ctns fr qual 70-80s 10.00-11.00 WI 50 lb ctns 70s 13.50 80s 13.50 90s 12.00 100s 8.00-10.00 fr qual 70-80s 10.00-12.00 90s 9.00-10.00 Round Red MN/ND 50 lb sks 8.50-10.00 mostly 9.50-10.00 sz B 11.00-13.00 mostly 12.00-13.00 NY 50 lb sks 8.00 sz B 11.00 Round White CD Prince Edward Island CDOne 50 lb sks 6.50-7.00 mostly 6.50 lge 7.00-7.75 mostly 7.00 LI 50 lb sks 6.50 lge 6.75-7.00 ME 50 lb sks lge 6.50-7.00 NY 50 lb sks 6.00-6.25 PA 50 lb sks 5.00.

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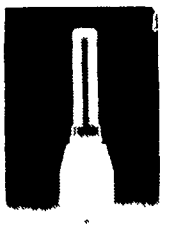
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Hog Markets

New Holland Feeder Pigs

New Holland, PA
Wed., December 22, 1993
Report Supplied by Auction

TODAY: 1004 HEAD
LAST WEDNESDAY: 1149 HEAD
LAST YEAR: 958 HEAD

TREND: COMPARED TO LAST WEDNESDAY, FEEDER PIGS FIRM TO 5.00 HIGHER, ALTHOUGH LARGE SHARE OF WEIGHTS UNDER 50 LB. SOLD FOR SLAUGHTER; 56% OF ALL PIGS SOLD FOR SLAUGHTER. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US#1-2: 79 HEAD 42-49 LBS. 88.00-96.00, WGHTD AVERAGE 44.92, WGHTD PRICE 91.52; 76 HEAD 53-58 LBS. 84.00-90.00, WGHTD AVERAGE 55.91, WGHTD PRICE 87.95; 20 HEAD 61 LBS. 86.00, WGHTD AVERAGE 61.00, WGHTD PRICE 86.00.

US#2: 52 HEAD 19-24 LBS. 190.00-200.00, WGHTD AVERAGE 21.94, WGHTD PRICE 197.20; 57 HEAD 38-39 LBS. 98.00-112.00, WGHTD AVERAGE 38.49, WGHTD PRICE 105.03; 80 HEAD 41-49 LBS. 86.00-90.00, WGHTD AVERAGE 45.70, WGHTD PRICE 87.76; 94 HEAD 50-59 LBS. 86.00, WGHTD AVERAGE 54.76, WGHTD PRICE 86.00; 42 HEAD 60-62 LBS. 85.00, WGHTD AVERAGE 60.14, WGHTD PRICE 86.00; 6 HEAD 76 LBS. 80.00, WGHTD AVERAGE 76.00, WGHTD PRICE 80.00.

US 2-3: 18 HEAD 27-29 LBS. 120.00-132.00, WGHTD AVERAGE 28.22, WGHTD PRICE 127.54; 88 HEAD 32-39 LBS. 78.00-100.00, WGHTD AVERAGE 36.98, WGHTD PRICE 88.23; 46 HEAD 46-49 LBS. 80.00-88.00, WGHTD AVERAGE 47.76, WGHTD PRICE 84.82; 76 HEAD 51-58 LBS. 75.00-84.00, WGHTD AVERAGE 53.82, WGHTD PRICE 81.56; 126 HEAD 60-67 LBS. 70.00-80.00, WGHTD AVERAGE 65.26, WGHTD PRICE 75.72; 51 HEAD 73-102 LBS. 66.00-76.00, WGHTD AVERAGE 82.16, WGHTD PRICE 72.19.

Indiana Hogs

Louisville, Kentucky
Wednesday, December 29, 1993

INDIANA DIRECT HOGS 51:

BARROWS AND GILTS: STEADY TO .50 LOWER, DEMAND MODERATE TO GOOD. PLANTS STEADY TO .25 LOWER. COUNTRY: PLANTS: US 1-2 230-260 LBS. 40.00-41.00, 40.25-41.50 FEW 41.50 US 1-3 230-260 LBS. 38.00-40.00.

210-230 LBS. 36.00-38.50.

SOWS: UNDER 500 LBS. STEADY, OVER 500 LBS. STEADY TO 1.00 HIGHER.

US 1-3 300-500 LBS. 27.00-30.00, 500-650 LBS. 30.00-34.00, FEW 35.00.

INDIANA DIRECT RECEIPTS: TUESDAY'S ACTUAL 26,700 TODAY'S ESTIMATE **24,500 WEDNESDAY WEEK AGO 27,500 WEDNESDAY YEAR AGO 81,900 WEEK TO DATE 76,700 SM PD WEEK AGO 83,600 SM PD YEAR AGO 73,300.

***RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

St. Louis Cattle, Hogs

Wednesday, December 29, 1993

OPENING MID-SESSION CLOSE CATTLE & CALVES: 50 (50 SLTR, 0 FDR) INSUFFICIENT VOLUME OF ANY CLASS TO TEST PRICES.

Central U.S. Carlot

Pork Report
December 29, 1993
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M. COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH RETAIL CUTS NOT TESTED; SKND. HAMS 17-20 LBS. GENERALLY STEADY, 20-26 LBS. $1.00 LOWER; SDLS. BELLIES FIRM. TRADING SLOW, WITH LIGHT TO MODERATE DEMAND FOR MODERATE OFFERINGS.

14.0 LOADS PORK CUTS
14.0 LOADS TRIM/PROCESS PORK/ PORK CUTS
LOINS, REGULAR, FRESH

FRESH 17-20 LBS., 4.0 LOADS, RANGE 52.00, WGHTD. AVG. 52.00.

FRESH 20-26 LBS., 7.0 LOADS, RANGE 49.50-53.00, WGHTD. AVG. 50.75.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 12-14 LBS., 1.0 LOAD, RANGE 49.00, WGHTD. AVG. 49.00.

FRESH 14-16 LBS., 1.0 LOAD, RANGE 49.00, WGHTD. AVG. 49.00.

FRESH 16-18 LBS., 1.0 LOAD, RANGE 47.50, WGHTD. AVG. 47.50.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 2.0 LOADS, RANGE 18.00, WGHTD. AVG. 18.00.

COMBO 72% FRESH, 12.0 LOADS, RANGE 48.75-49.00, WGHTD. AVG. 48.90.

New Holland Hog Auction

Lancaster, Pa.
Monday, December 27, 1993

Hog Receipts:

Today	915
Last Monday	1106
Last Year	674

TREND: Compared to last Monday barrows and gilts 50-1.00 higher.

BARROWS AND GILTS: US 1-2 215-250 lb 40.50-41.50.

US 1 215-145 lb 42.00-42.50.

US 1-3 215-260 lb 39.00-40.50, 190-210 lb 37.00-39.00.

US 2-3 270-290 lb 37.50-39.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, December 25, 1993
Report supplied by auction

There will no longer be a sale auction on Saturday. Sales will be held Monday and Wednesday.

KIRKWOOD HAY AUCTION
Hay, Straw and Grain Auction
EVERY TUESDAY
11:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road.
Lloyd H. Kreider, Auctioneer
AU-000513L
No out of state checks

Hay & Grain Markets

North Jersey Market

Hackettstown, N.J.
Report Supplied by Auction
Tuesday, December 28, 1993
Hay—Straw & Grain Report

ALFALFA HAY: 4 LOTS, 2.70 AND 3.00 BALE.

MULCHED HAY: 1.80.

MIXED HAY: 4 LOTS, 2.60-3.10 BALE.

TIMOTHY: 4 LOADS, 3.00 BALE.

GRASS HAY. 2 LOTS, 2.60 AND 2.75 BALE

WHEAT STRAW: 4 LOTS, 1.60-2.00 BALE.

SOYBEAN STRAW: 1 LOT AT 1.25 BALE.

GROUND SHELLED CORN AT 7 25-8.00 BAG.

OATS 1 LOT AT 7.50 BAG.

PIG MASH: 1 LOT 4.00.

FIREWOOD: 1 LOADS AT 50.00 LOAD

TOTAL 25 LOTS.

Leinbach's Hay

Shippensburg, PA
December 28
Report Supplied by Auction

46 LOADS.

ALFALFA: GOOD 85.00-100.00, FAIR 60.00-83.00.

MIXED HAY: 77.00-101.00.

TIMOTHY: 70.00-109.00.

CLOVER: 80.00.

BROME GRASS: 120.00.

ORCHARD GRASS: 65.00-82.00.

STRAW: 90.00-120.00.

EAR CORN: 94.00.

OATS: 1.80-2.00 BU.

WOOD: 42.00-57.00 PICK-UP LOAD.

Vintage Hay

Paradise, PA
Thurs., December 23, 1993
Report Supplied by Auction

20 LOADS.

ALFALFA: 90.00-108.00.

MIXED HAY: 70.00-105.00.

TIMOTHY: 93.00.

GRASS: 60.00-85.00.

STRAW: 104.00-120.00.

CORN FODDER: 64.00.

SALE TIME 1 P.M.

Regional Hay

December 27, 1993
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER. PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW MOSTLY STEADY.

ALFALFA 90.00-120.00; MIXED HAY 90.00-110.00, FEW REPORTED 70.00; TIMOTHY HAY 90.00-110.00, FEW REPORTED 65.00; STRAW 70.00-100.00; MULCH 30.00-40.00, FEW REPORTED 60.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/24/93. PRICES PER TON: LOADS: 274 HAY, 87 STRAW & 14 EAR CORN.

ALFALFA 90.00-150.00; MIXED HAY 75.00-140.00; TIMOTHY HAY 100.00-150.00; STRAW 97.00-140.00; EAR CORN 95.00-113.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/24/93. PRICES PER TON: LOADS: 204 HAY, 38 STRAW & 25 EAR CORN.

ALFALFA 80.00-135.00; MIXED HAY 80.00-100.00; TIMOTHY 70.00-100.00; STRAW 90.00-125.00; EAR CORN 75.00-104.00.

Greencastle Livestock Market

December 23 & 27, 1993
Hay & Straw
Report Supplied by Auction

52 LOADS.

ALFALFA: GOOD 91.00-136.00.

ALFALFA: FAIR 72.50-80.00.

ALFALFA MIXED: 59.00.

TIMOTHY HAY: 80.00-100.00.

MIXED HAY: 52.00-94.00.

BROME GRASS: 78.00-100.00.

OTHER CLOVER MIX: 80.00-82.50.

STRAW- WHEAT: 86.00-119.00.

Green Dragon Hay

Ephrata, Pa.
Friday, December 24, 1993
Report Supplied by Auction

TOTAL LOADS: 78.

MIXED HAY: 66.00-152.00.

ALFALFA: 90.00-140.00.

TIMOTHY: 99.00-150.00.

ORCHARD GRASS: 92.00-126.00.

STRAW: 106.00-130.00.

EAR CORN: 70.00-108.00.

FIREWOOD: 57.00 LOAD.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, December 28, 1993
Report Supplied by Auction

65 LOADS OF HAY.

MIXED HAY: 1ST CUTTING 70.00-112.00, 2ND 107.00-112.00.

TIMOTHY: 96.00-146.00.

ALFALFA: 1ST CUTTING 84.00-96.00, 2ND CUTTING 89.00-131.00, 3RD CUTTING 91.00-130.00, 4TH CUTTING 120.00-123.00.

CLOVER: 62.00-127.00.

GRASS: 86.00-136.00.

WHEAT STRAW: 97.00-126.00.

RYE STRAW: 103.00.

BARLEY STRAW: 101.00-119.00.

OATS: 2.07 BU.

WOOD: 51.00 PICK-UP LOAD.

EAR CORN: 98.00.

CORN FODDER: 64.00.

SALE TIME 11 A.M.

Diffenbach Auction Center

New Holland, Pa.
Monday, December 27, 1993
Report Supplied by Auction

TOTAL LOADS: 137.

ALFALFA: 50.00-155.00.

MIXED HAY: 75.00-155.00.

TIMOTHY: 82.00-162.00.

CLOVER: 107.00-115.00.

ORCHARD GRASS: 62.00-125.00.

STRAW: 105.00-130.00.

EAR CORN: 109.00-115.00.

OATS: 1.35-2.25.

Belleville Hay

Wednesday, December 29
Belleville, PA
Report Supplied by Auction

ALFALFA: 65.50-140.00.

MIXED HAY: 57.50-100.00.

STRAW: 100.00-142.50.

EAR CORN: 87.50-97.50.

OATS: 1.60-2.20 BU.

CORN FODDER: 95.00.

Dewart Hay

Dewart, PA.
Monday, December 27, 1993
Report Supplied by Auction

25 LOADS OF HAY, 80.00-122.50.

STRAW: 2 LOADS, 92.50-100.00.

WOOD: 25.00-100.00 LOAD.

OATS: 1 LOADS 2.60 BU.

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Lancaster Farming

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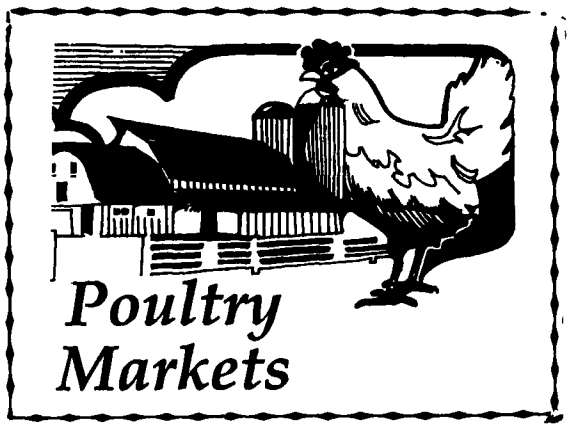

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New England Shell Eggs

Wednesday, December 29, 1993

NEW ENGLAND: Prices were unchanged. Trade sentiment ranged steady to firm. Demand was moderately good, as some traders were attempting to fill in the gaps caused by the excellent Christmas business. Supplies were adequate or available.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN RANGE JUMBO .81-.84, EXTRA LARGE .81-.84, LARGE .78-.81, MEDIUM .52-.55, SMALL .20-.23.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE 1.00-1.02, LARGE .97-.99, MEDIUM .71-.73.

New York & Phila. Frozen Egg Report

Tuesday, December 28, 1993

Prices for whites edged higher, and the balance of prices were unchanged. Trade senitment was fully steady to firm for whites, and steady on other products. Demand was light to fair following last week's good clearances. Many buyers were out of the market while plants were closed. Finished product floor stocks were adequate. Shell egg supplies were also adequate.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.) RANGE MOSTLY RANGE WHOLE 47-50 48-49 51-60 BLEND (/) - - 58-69 WHITES 39-44 40-41 45-48 SUGARED YOLKS (MIN 43% SOLIDS) 58-62 59-60 63-66 SALTED YOLKS (MIN 43% SOLIDS) 55-58 54-57 59-65 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Delmarva Broiler/Fryer Market

Wednesday, December 29, 1993

Movement of ready-to-cook whole birds was mixed and irregular. Seller offerings varied, but were in fairly good balance overall. Live supplies were moderate. Weights were desirable, instances heavy. Processings schedules originally set to run full at most plants have been disrupted by adverse weather conditions, and are now very light in total. Less than trucklot asking prices were unchanged at 51 to 63 cents. Trade sentiment was mostly steady. In the parts complex, breast items remained readily available. Wings were short. Leg items were at least adequate.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT 12/29 12/27 12/27 12/22 12/20 1,657 1,627 4.88 2,239 4.64.

*BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U.S. GRADE A RANGE 49-63 WEIGHTED AVERAGE 52.39 NO. OF BOXES 8,823.

*7 of 9 plants reporting.

New York Egg Market

Wednesday, December 29, 1993

Prices were unchanged. Trade sentiment was steady. Demand was fair to good. Supplies were generally adequate and somewhat more available.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE .81-.83, LARGE .78-.81, MEDIUM .59-.62.

N.E. Weekly Shell Egg Report

December 29

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.14	1.11	.85	.53
N. HAMP.	1.07-1.11	1.04-1.08	.78-.82	.46-.50
MOSTLY	1.09-1.10	1.06-1.07	.80-.81	.48-.49
RHODE ISLAND	1.06-1.14	1.03-1.11	.77-.85	.45-.53
MOSTLY	1.06	1.03	.77	.45
VERMONT	1.15-1.17	1.10-1.14	.88-.89	
MOSTLY	1.17	1.14	.88	

National Egg Market

Tuesday, December 28, 1993

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged. The market tone was steady to fully steady, mostly steady. Demand continued to be fair to good, best into retail channels to restock depleted inventories. Supplies of the large sizes were tight to better balanced, and mediums were at least adequate. Breaking stock supplies were adequate for the unaggressive inquiry, and the undertone was cautiously steady. Live hen offerings were at least adequate for the light and unaggressive demand.

IMPORTANT INFORMATION: If you currently receive this report over the Computer Information Distribution Service (CHATS) ... please be advised that in order to cut costs - BEGINNING ON JANUARY 1, 1994, THE AGRICULTURAL MARKETING SERVICE WILL NO LONGER CONTRIBUTE MARKET NEWS REPORTS TO THE CHATS SYSTEM.

You may contact Steve McConnell on (202) 720-9000, from 8:00 AM to 4:30 PM E.S.T., for information on alternative methods of receiving an electronic version of this report.

Eastern PA & NJ Poultry Report

Atlanta, Ga.

Tuesday, December 28, 1993

Prices on light type fowl were generally unchanged while sales of heavy hens were too few to report. Availability of leghorns was fully adequate and most processing time has been booked into mid next month. Offerings of heavy hens were limited but generally noted in balance with needs. Trade sentiment steady.

LIGHT TYPE HENS CENTS PER LB., DAY OF NEGOTIATION, GENERALLY FOR SLAUGHTER WITHIN THE NEXT 10 DAYS RANGE MAJORITY AT FARM BUYER LOADING 1-2 CENTS/LB. FOB PLANT TOO FEW TO REPORT HEAVY TYPE HENS (7 POUNDS AND UP) * PRELIMINARY PRICE, CENTS PER LB., GENERALLY FOR SLAUGHTER THE WEEK OF 03-JAN-94 RANGE MAJORITY AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT * WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Report Supplied by Auction

Tuesday, December 28, 1993

Report Supplied by Auction

HEAVY FOWL .30-.50.
LEGHORN FOWL .25-.35.
MIXED FOWL .35-1.00.
FRIERS: .15.
BANTAMS EACH .30-1.50.
BUNNIES EACH .40-2.00.
ROOSTERS .40-1.50.
GEESE 30-35.
DUCKS 05-1 45
RABBITS .70-1.70
GUINEAS .90-1.00

WHITE EGGS: EXTRA LARGE & JUMBO .60-.85; LARGE .53-.78; MEDIUMS .47-.55.

BROWN EGGS: EXTRA LARGE & JUMBO 76-.85; LARGE .59-.76; MEDIUMS .48-.59.

Weekly New York Egg Market Northeast Quotes

From Mon., December 27 to Wed., December 29

	MON.	TUES.	WED.
WHITE			
JUMBO	.89	.89	.89
EX. LARGE	.88	.88	.88
LARGE	.83	.83	.83
MEDIUM	.64	.64	.64
PULLETS	.50	.50	.50
OFF GRADE	.71	.71	.71
BROWN			
EXTRA LARGE	.84	.84	.84
LARGE	.80	.80	.80
MEDIUM	.61	.61	.61
OFF GRADE			
UNDERGRADES AND CHECKS	.28	.28	.28

BREAKING STOCKS: MON.-WED. 42-44 LBS. 33.00-35.00, 48-50 LBS. 39.00-41.00, 50 LBS. AND UP 41.00-42.00.

Philadelphia Eggs

Wednesday, December 29, 1993

Report Supplied by USDA

MARKET COMMENT: PRICES UNCHANGED. TRADE SENTIMENT STEADY. DEMAND FAIR TO GOOD. SUPPLIES ADEQUATE. A EXTRA LARGE .76-.81, A LARGE .74-.79, A MEDIUM .58-.59.

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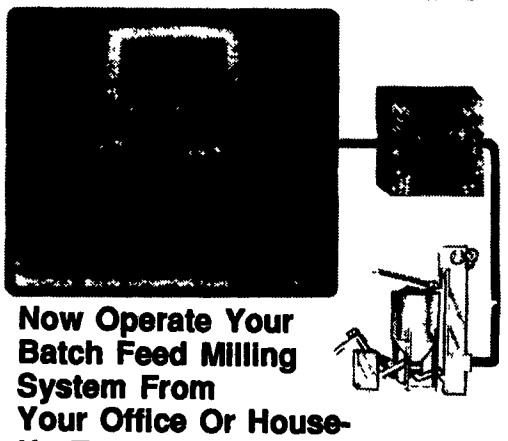

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OVER 35 years in the area

Northeast Chicken Parts

Wednesday, December 29, 1993

Trucklot buying interest was quite irregular and centered around needs for deliveries following the holiday. Supplies of boneless skinless breasts were irregularly distributed. Smaller volumes traded at the 1.75 level; larger volumes were booked at 1.70 and additional grade A product was available at 1.70. Some buying interest for next week went unfilled.

Line run breasts were readily available, offered at lower prices and slow to clear the market. Most trades were at the 76 - 77 cent level. Dark meat items cleared at steady prices. Wings were short of trade needs, demand went unfilled, and prices trended higher.

PRICES PAID PER POUND, ICE PACKED AND CO2 PACKED BROILER/FRYER PARTS, DELIVERED TO FIRST RECEIVERS IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES.

ITEM CURRENT NEGOTIATED TRADING* BREAST - B/S (W & W/O TENDERS) 170-175 BREAST - WITH RIBS 77-78 BREAST - LINE RUN 76-77 LEGS 40-41 LEG QUARTERS (BULK) 30-31 DRUMSTICKS 34-35 THIGHS 35-36 WINGS (WHOLE) 61-62 BACKS AND NECKS (STRIPPED) 10-12 LIVERS (5 POUND TUBS) 35-40 GIZZARDS (HEARTS) 25-30 INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT, RHODE ISLAND, AND PENNSYLVANIA (NORTHEAST OF HARRISBURG).

* TODAY'S NEGOTIATED SALES AS OF 11:30 A.M.

Westminster Hay

Westminster, Md.

Tuesday, December 28, 1993

Report Supplied by Auction

ALFALFA: 87.00-97.00, 1.40-2.80 BALE.

TIMOTHY: 100.00/Ton, $.85-2.03/BALE $21 LARGE ROUND.

MIXED HAY: 132.00 TON, $.70-2.50/BALE, $15-26 LG. ROUND.

CLOVER: .95 BALE.

STRAW: .74-2.10 BALE.

EAR CORN: 5.75/BAG.

WOOD: 55.00-87.00 CORD.

NEXT GRADED SALE FRI., JAN. 7, 1994.

Heinsey's Poultry

Roots, East Petersburg

Tuesday, December 21, 1993

PRICES PAID PER POUND, EXCEPT AS NOTED RANGE:

Muscovy Ducks - Drakes .80 - 1.08.
Muscovy Ducks - Hens .74 - .84.
Pekin Ducks .40 - .52.
Red Fowl 4-4.5 .40 - .62, Red Fowl 5-6 .60 - .86.
Crossbred Fowl 5-9 .40 - .84.
Crossbred Roosters 4-6 .40 - .86, Crossbred Roosters 7-11 .40 - .82.
Guinea Fowl .60 - .85.
Banty Roosters 2.00 - 4.50 ea.
Banty Hens 1.00 - 2.25 ea.
Leghorn Hens .16 - .24.
Silkies 3.00 - 4.75 ea.
Geese 9-16 .20 - .24.
Pigeons 1.50 - 1.85 ea.
White Pigeons 2.25 - 2.75 ea.
Rabbits 4-6 1.30 - 1.72, Rabbits 7-11 1.20 - 1.54.
Bunnies 1.00 - 4.50 ea.
Guinea Pigs 1.00 - 3.50 ea.
Goats 50.00 - 65.00 ea.
Kid Goats 37.00 - 57.00 ea.
Pullets 4-6 .40 - .54.
Total Coops Sold 584.

Good's Hay

Leola, Pa.

Wed., December 29, 1993

Report Supplied by Auction

TOTAL LOADS: 76.
MIXED HAY: 70.00-140.00.
TIMOTHY: 110.00-150.00.
STRAW 92.00-135.00.
ALFALFA: 77.00-170.00.
GRASS: 105.00.
CORN: 96.00-112.00.
CLOVER: 92.00-115.00.

Pa. Grain

Monday, December 27, 1993

Report supplied by PDA

COMPARED WITH THE MARKET FOR LAST MONDAY, FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .04 HIGHER; WHEAT, BARLEY, AND OATS STEADY TO .02 HIGHER; SOYBEANS STEADY TO .09 HIGHER; EAR CORN STEADY TO 2.00 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 3.10-3.40, AVERAGE 3.24; @WHEAT NO. 2 RANGE 3.70-4.00, AVERAGE 3.82, CONTRACT FOR HARVEST 3.25-3.45; BARLEY NO. 3 RANGE 2.25-2.60, AVERAGE 2.37, CONTRACT FOR HARVEST 2.00; OATS NO. 2 RANGE 1.40-1.75, AVERAGE 1.68; SOYBEANS NO. 1 RANGE 6.50-6.97, AVERAGE 6.74; FEW REPORTED GR. SORGHUM #2 RANGE 2.79, AVERAGE 2.79; FEW REPORTED NEW EAR CORN RANGE 76.00-90.00, AVERAGE 83.60.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 3.00-3.25, AVERAGE 3.15; @WHEAT NO. 2 RANGE 3.00-3.80, AVERAGE 3.41; BARLEY NO. 3 RANGE 2.00-2.40, AVERAGE 2.10; OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.70; SOYBEANS NO. 1 RANGE 6.35-6.90, FEW REPORTED 6.10, AVERAGE 6.50; NEW EAR CORN RANGE 60.00-85.00, AVERAGE 75.43.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.95-3.40, AVERAGE 3.18; @WHEAT NO. 2 RANGE 3.20-4.00; AVERAGE 3.63; BARLEY NO. 3 RANGE 2.00-2.60, AVERAGE 2.26; OATS NO. 2 RANGE 1.50-1.90, AVERAGE 1.68; SOYBEANS NO. 1 RANGE 6.35-6.90, AVERAGE 6.64; NEW EAR CORN RANGE 65.00-90.00, AVERAGE 78.89.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.95-3.30, AVERAGE 3.12; @WHEAT NO. 2 RANGE 3.20-3.72, FEW REPORTED 4.00, AVERAGE 3.50; BARLEY NO. 3 RANGE 1.90-2.40, FEW REPORTED 2.75, AVERAGE 2.25; OATS NO. 2 RANGE 1.50-1.90, AVERAGE 1.67; SOYBEANS NO. 1 RANGE 6.40-6.80, AVERAGE 6.55; FEW REPORTED NEW EAR CORN RANGE 65.00-78.00, AVERAGE 71.17.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.65-3.10, FEW REPORTED 2.50, AVERAGE 2.80; @WHEAT NO. 2 RANGE 3.30-3.60, AVERAGE 3.46; BARLEY NO. 3 RANGE 2.23-2.30, AVERAGE 2.27; OATS NO. 2 RANGE 1.10-1.90, MOSTLY 1.50-1.65, AVERAGE 1.53; SOYBEANS NO. 1, RANGE 6.25-6.65, AVERAGE 6.45; FEW REPORTED OLD EAR CORN RANGE 61.00-65.00, AVERAGE 63.00.

MONTH AGO

CORN NO. 2-Y 3.03; @WHEAT NO. 2 3.39; BARLEY NO. 3 2.05; OATS NO. 2 1.66; SOYBEANS NO. 1 6.48; FEW REPORTED NEW EAR CORN 68.68.

YEAR AGO

CORN NO. 2-Y 2.32; @WHEAT NO. 2 3.45; BARLEY NO. 3 1.77; OATS NO. 2 1.52; SOYBEANS NO. 1 5.46; FEW REPORTED NEW EAR CORN 54.17.

Keister's Middleburg Auction

Middleburg, Pa.

Tuesday, December 28, 1993

Report Supplied by Auction

CATTLE 427.. Supplied by the auction. STEERS: High Choice and Prime 70.00-72.00, Choice 68.00-72.00, Select 66.00-69.50, Standard 68.00-72.00. HOLSTEINS: Choice 62.50-65.75, Select 59.00-62.00. HEIFERS: Choice 68.00-70.50, Select 63.50-67.75. COWS: Breaking Utility and Commercial 48.00-53.75, Cutter and Boning Utility 46.50-52.75, Canner and Low Cutter 42.00-46.00. Shells 35.00-42.00. BULLOCKS: Choice 62.00-65.75, Select 58.00-62.00. BULLS: Yield Grade No. 1 & 2 55.00-65.50. FEEDER CATTLE: Steers 70.00-78.00.

CALVES 188..VEALERS: Standard and Good 70/100 lbs. 40.00-65.00. RETURNED TO FARM: No. 1 Holstein bulls 100/120 lbs. 150.00-180.00, No. 2 80/95 lbs. 120.00-172.50; No. 1 Holstein heifers 90/120 lbs. 150.00-212.50, few 220.00, No. 2 80/85 lbs. 80.00-125.00.

HOGS 360..(12/27 & 12/28/93).. BARROWS AND GILTS: US No. 1 230/250 lbs. 42.00-44.00, US 1-2 220/250 lbs. 38.50-40.50, US 1-3 210/300 lbs. 37.50-38.50. SOWS: US 1-3 350/680 lbs. 30.00-32.75, few 37.00, 300/500 lbs. 28.00-30.50. BOARS: 200/505 lbs. 27.00-28.75.

FEEDER PIGS 397..US 1-3 20/35 lbs. 25.00-34.00, 35/60 lbs. 34.00-52.00.

SHEEP 26..Wooled sl. lambs: High Choice and Prime 25/40 lbs. 155.00-195.00, Choice 50/65 lbs. 70.00-110.00. Slaughter sheep: 20.00-32.00.

GOATS 10...Large 75.00-115.00, Medium 25.00-50.00.--- all per head.

Central U.S. Carlot

Beef Report

December 29, 1993

Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST AND TEXAS) AS OF 11:15 A.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT: BONING UTILITY CARCASSES STEADY; BREAKERS STEADY TO $2.00 HIGHER; CUTTER $1.00 HIGHER IN A THIN TEST. DEMAND LIGHT TO MODERATE FOR VERY LIGHT OFFERINGS.

COW AND BULL CARCASSES FOB OMAHA BASIS

7 LOADS REPORTED

UT,BRK 2-4, 450 & UP, 2 LOADS, RANGE 74.00-76.00, LATEST ESTB. MKT. 74.00-76.00.

UT, BNG 1-3, 400 & UP, 4 LOADS, RANGE 79.00, LATEST ESTB. MKT. 79.00.

CUTTER 1-2, 350 & UP, 1 LOAD, RANGE 94.00, LATEST ESTB. MKT. 94.00.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS

Loads Reported

BONELESS PROCESSING BEEF NOT ESTABLISHED.

CRAIG'S HOG BUYING STATIONS

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Receiving Butcher Hogs:

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Wed. & Sat.
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- No Advance Scheduling
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WOOD SHAVINGS and SAWDUST

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- Delivered in trailer load lots
- Year round supply
- Reasonably priced

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J.D. Martin Inc

Mount Joy, PA

NOTICE TO MY TOBACCO FARMER FRIENDS

If you feel the price is right and you are ready to market your tobacco, or some of it, we will be buying at my warehouse across the street from the auction.

Receiving days are Monday, Wednesday & Friday from 8 to 10 a.m. and Tuesday & Thursday form 8 a.m. to 3 p.m.

Buyer: Donald Rohrer
Eves. 717-687-6802

Buyer: Bill Macon
Eves. 215-593-5950

SOUTHBOAT LEAF TOBACCO

661 Vintage Rd.
Christiana, PA 17509

24 Meadow Ln, PO Box 192
Paradise, PA 17562

Answering Service - 215-593-6729

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Machinery Sales
M-F 7 to 5 Sat. 7 to 11:30

NOTICE
WINTER-TIME PARTS DEPT. HOURS:
Mon -Fri 7 AM to 5 PM
Sat. 7 AM to 12 Noon
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(717) 626-5159, (717) 859-8768
Sun. Closed - Lord's Day

WE SHIP PARTS DAILY

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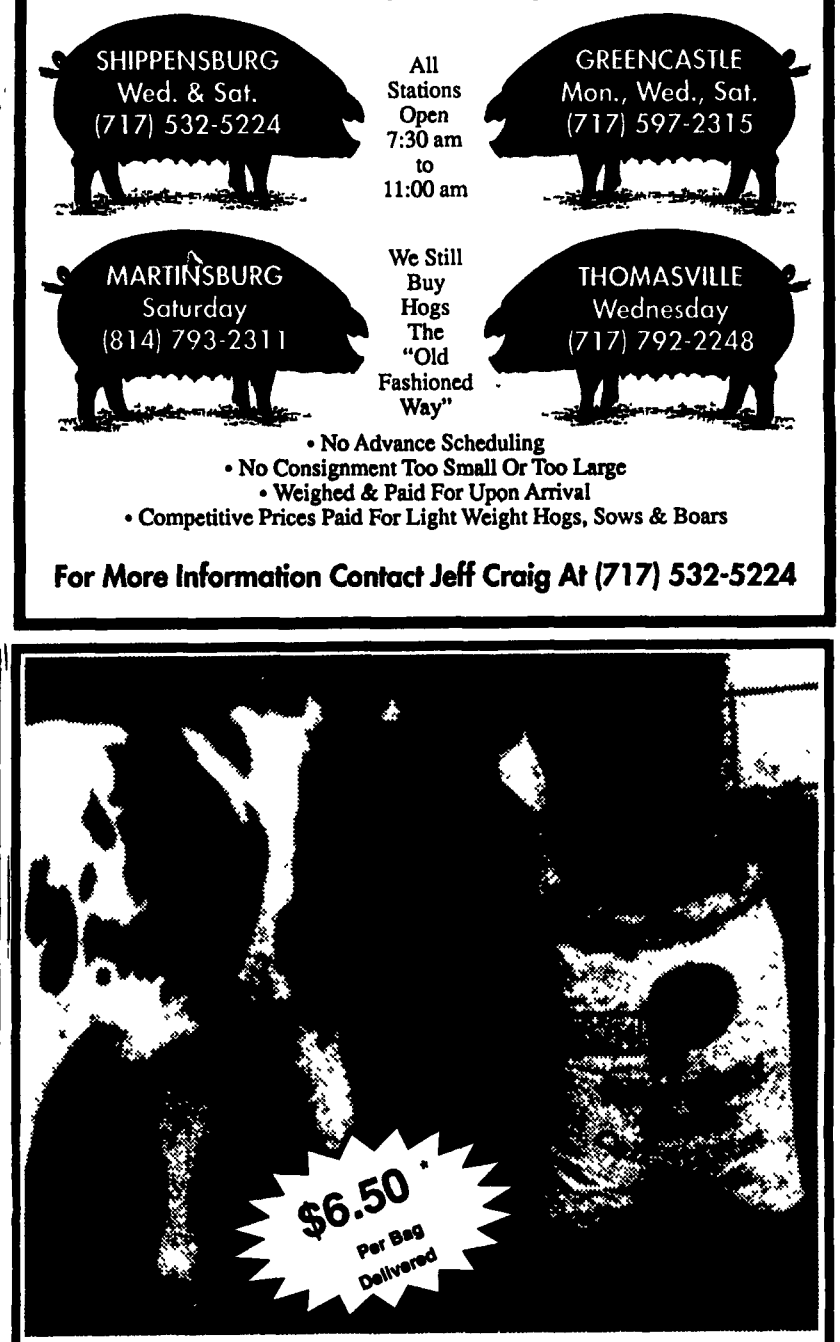
GEHL.
KINZE CORN PLANTERS & GRAIN CARTS
KELDERMAN AIR RIDE
WOODS MOWERS & BLADES
ATHENS Disk Harrows, Coulter Chisels, Chisel Plows



#504 Go-Calf Starter Flakes

Price is for the week of Jan. 3 and Includes 2½ % Cash Discount

pennfield feeds

PA 1-800-732-0467
MD, DE & NJ 1-800-233-0202

National Grain Market

St. Joseph, Mo.
Tuesday, December 28, 1993

DAILY NATIONAL GRAIN SUMMARY GOOD EEP SALES AND REPORTS OF RAIN DAMAGED WHEAT CROP IN ARGENTINA ADDED SOME SUPPORT TO WHEAT PRICES, TUESDAY. CORN PRICES WERE BOOSTED BY FUND BUYING ON THE BOARD AND BITTER COLD WEATHER BLASTING ACROSS MOST OF THE U.S. THIS WEEK. SOYBEAN PRICES LOST SOME GROUND TODAY ON WEAKNESS IN BEAN OIL PITS AND REPORTS OF INCREASED FARMER SELLING. WHEAT 1 TO 5 CENTS HIGHER. CORN 1 TO 4 CENTS HIGHER. SORGHUM 2 TO 4 CENTS HIGHER. SOYBEANS 1 CENT LOWER. WHEAT PRICES HAVE BEEN SUPPORTED BY RECENT JUMP IN EXPORT DEMAND AND IDEAS THAT ADDITIONAL SALES WILL SHOW UP ON THE BOOKS AFTER THE FIRST OF THE YEAR, ADDED FURTHER STRENGTH. HEAVY RAINS IN ARGENTINA THIS WEEK AND DAMAGE TO WHEAT CROP GAVE U.S. WHEAT PRICES A BOOST. STRONGER CORN PRICES REFLECTED FUND BUYING ON THE BOARD AND LIGHT FARMER SELLING. VERY COLD TEMPERATURES MOVED INTO MIDWEST AREAS THIS WEEK AND ARE IN THE FORECAST FOR THIS WEEK. LIVESTOCK CONSUMPTION HAS INCREASED FOR ALL COMMODITIES. SOYBEAN PRICES SLIPPED LOWER AS BEAN OIL PRICES DECLINE. EXPORT DEMAND HAS SLOWED OVER THE PAST COUPLE OF WEEKS AND YEAR TO DATE INSPECTION FIGURES ARE LOWER THAN EXPECTED. SEVERAL GRAIN TRUCKS HAVE BEEN REPORTED ARRIVING AT ELEVATORS AND YEAR END FARMER SELLING WEIGHED ON BEAN PRICES.

EXPORT NEWS: USDA ACCEPTED A BID TO SELL 1,500 TONNES HARD RED WINTER WHEAT TO SOUTH AFRICA UNDER EEP FOR JANUARY SHIPMENT. USDA ACCEPTED A BID TO SELL 19,800 TONNES NORTHERN/DARK NORTHERN SPRING WHEAT AND 15,200 TONNES WESTERN WHITE WHEAT TO PHILIPPINES UNDER EEP FOR MAY SHIPMENT. USDA ACCEPTED A BID TO SELL 30,000 TONNES HARD RED WINTER WHEAT TO MOROCCO UNDER EEP FOR JAN/FEB SHIPMENT. USDA ACCEPTED A BID TO SELL 19,900 TONNES HARD RED WINTER WHEAT TO MEXICO UNDER EEP FOR MAY SHIPMENT. USDA ACCEPTED A BID TO SELL 25,000 TONNES WHEAT FLOUR TO YEMEN UNDER EEP FOR MAY. USDA ACCEPTED A BID TO SELL 8,340 TONNES BARLEY MALT TO THE DOMINICAN REPUBLIC UNDER EEP FOR JAN/DEC.

DATE CHANGE YEAR AGO TRUCK BIDS: 12/28/93 12/27/93 12/29/92 WHEAT: KANSAS CITY 4.13-4.16 UP 2 3.66-3.67 MINNEAPOLIS TRUCK BID MAR 5.07 UP 5 3/4 3.78 PORTLAND 3.61-3.62 UP 1-NC 4.19-4.21 ST. LOUIS 3.62-3.71 DN 2-UP 3 3.67-3.70.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 3.02-3.05 NC-UP 1 2.13-2.17 MINNEAPOLIS 2.81 3/4 UP 3/4 2.00 1/2 SO. IOWA 3.02-3.07 UP 1-4 2.08-2.10 OMAHA 2.86-2.87 UP 1-NC 1.95-1.97.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 7.08-7.10 DN 1 5.63-5.64 MINNEAPOLIS 6.81 3/4 DN 1 5.42 3/4 SO. IOWA 7.09-7.16 DN 1-UP 1 5.56-5.61 C. ILL. PROCESSORS 7.04 3/4-7.11 3/4 DN 1-NC 5.64 3/4-5.75 3/4.

TRUCK BIDS FOR KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.90 3/4 UP 1 1/2 3.44 MINNEAPOLIS (MAR) WHEAT 4.02 UP 3/4 3.33 CHICAGO (MAR) WHEAT 3.74 1/4 UP 2 1/4 3.49 1/4 (MAR) CORN 3.02 3/4 UP 1 2.17 1/2 (JAN) SOYBEANS 7.00 3/4 DN 1 5.67 3/4.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.44 3/4 UP 1 1/2 3.98-4.00 NO. 2 SOFT RED WINTER WHEAT 3.91-3.95 UP 2-3 3.91-3.92 NO. 2 YELLOW CORN 3.12 3/4-3.14 1/2 UP 2-2 1/2 2.33 1/2-2.34 1/2 NO. 2 YELLOW SORGHUM RAIL 5.53 UP 2 BARGE 5.46 UP 2 4.28-4.28 NO. 2 YELLOW SOYBEANS 7.30 3/4-7.31 DN 1-2 5.95 3/4-5.96 BIRD THIS REPORT A SERVICE OF U.S. DEPARTMENT OF AGRICULTURE, LIVESTOCK AND GRAIN MARKET NEWS, ST. JOSEPH, MISSOURI.

Aberdeen Sales Company, Inc.

Complete Auction & Appraisal Service
Churchville, Md.
Report Supplied by Auction
Wednesday, December 22, 1993

SLAUGHTER STEERS: MARKET 1.00 HIGHER. CHOICE 2-4 1100-1400 LBS. 71.50-74.00; SELECT & LOW CHOICE 1000-1500 LBS. 67.00-72.00; HOL. STEERS HI CHOICE & PRIME 1250-1400 LBS. 63.00-66.00; CHOICE 1200-1500 LBS. 60.00-63.00; SELECT ALL WEIGHTS 57.00-61.00.

SLAUGHTER HEIFERS: MARKET 1.00 HIGHER. CHOICE & PRIME 950-1300 LBS. 70.00-72.50; SELECT ALL WEIGHTS 900-1400 LBS. 63.00-68.00.

COWS: MARKET 1.50 HIGHER. BRK. UT. & COMM. 2-4 BULK 45.00-50.00; HI DRESSING 51.00-53.00; CUTTER & BON. UT. 45.00-49.00; HI DRESSING 49.00-51.00; CANNER & CUTTERS 44.00-43.00; LOW DRESSING 40.00 & DOWN.

BULLS: MARKET STEADY. ALL WEIGHTS 1100-1900 LBS. 57.00-64.00.

VEAL CALVES: MARKET STEADY. CHOICE AND PRIME 200-400 LBS. 83.00-94.00; HI GOOD AND LOW CHOICE ALL WEIGHTS 62.00-76.00.

FARM CALVES: MARKET STEADY. HOL. BULLS 100-125 LBS. 133.00-150.00; HOL. BULLS 85-95 LBS. 110.00-130.00; HOL. HEIFER CALVES 100-120 LBS. 150.00-183.00; SMALL FRAME 70-105 LBS. 130.00-140.00; SLAUGHTER CALVES ALL WEIGHTS 50.00-63.00.

FEEDER CATTLE: MARKET 2.00 LOWER. BULLS & STEERS 400-900 LBS. 67.00-84.00; HEIFERS 300-700 LBS. 59.00-73.00.

LAMBS: MARKET STEADY. CHOICE & PRIME 90-110 LBS. 64.00-73.00; LIGHTER LAMBS 78.00-92.00; EWES - HEAVY 29.00-43.00, LIGHT 37.00-50.00.

GOATS: MARKET STEADY. SMALL 15.00-30.00; MEDIUM 30.00-50.00; LARGE 60.00-110.00.

HOGS: MARKET 1.00 HIGHER. 210-250 LBS. 41.00-43.00; 255-300 LBS. 37.00-42.00; SOWS - HEAVY 33.00-36.00; SOWS - LIGHT 27.00-32.00; BOARS ALL WEIGHTS 28.00-31.00.

Morrison Cove Livestock Auction

Martinsburg, Pa.
Monday, December 20, 1993
Report Supplied by Auction

CATTLE: 236. STEERS: CHOICE 71.00-74.10, GOOD 69.50-71.00. HEIFERS: CHOICE 70.00-73.50, GOOD 68.00-69.75, COWS: UTILITY & COMMERCIAL 44.00-53.50. BULLOCKS: GOOD & CHOICE 60.00-65.50. BULLS: YIELD GRADE NO. 1 54.50-62.00. FEEDER CATTLE: STEERS 62.00-82.00, BULLS 57.00-77.00, HEIFERS 49.00-69.00.

CALVES: 172. PRIME NO MARKET TEST. CHOICE NO MARKET TEST. GOOD 85.00-95.00, STANDARD 35.00-71.00. HOLSTEIN BULLS 90-130 LBS. 120.00-171.00, HOLSTEIN HEIFERS 90-130 LBS. 120.00-175.00.

HOGS: 89. US NO. 1-2 39.50-41.00, US NO. 1-3 37.00-39.00. SOWS: US NO. 1-3 28.00-33.00, BOARS 26.00-30.00.

FEEDER PIGS: 6. US NO. 1-3 20-50 LBS. 17.00-23.00 PER HEAD.

SHEEP: 30. CHOICE LAMBS 61.00-69.00, GOOD LAMBS 55.00-62.00, SL. EWES 18.00-27.00, GOATS 31.00-107.00.

33 LOADS OF HAY ALFALFA - 105.00-135.00 PER TON, TIMOTHY 65.00-103.00 PER TON.

5 LOADS OF STRAW - 93.00-100.00 PER TON.

Valley Stockyards

Athens, Pa.
Monday, December 27, 1993
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 210.00.
VEAL CALVES, NO GOOD VEAL.
VEALER BULL CALVES TO 172.50.
SLAUGHTER CALVES 70.00 AND DOWN.
GRASSERS & FEEDERS TO 80.00.
LAMBS TO 74.00.
SHEEP 19.00-34.00.
HOGS 200-250 NONE.
SOWS NONE.
BOARS HEAVY 20.00.
PIGS EACH 8.00-16.00.
HEIFERS TO 56.00.
STEERS TO 59.75.
FEEDER STEERS TO 69.00.
BULLS 49.00-55.25.
GOOD COWS 45.00-49.25, 1 @ 51.00.
COWS MEDIUM 44.00-38.00.
COWS POOR OR SMALL 37.00 AND DOWN.
CATTLE MARKET STEADY.
CALF MARKET STEADY.
HORSES NONE.
PONIES NONE.
GOATS: TO 67.50.
REMARKS: HAPPY NEW YEAR.

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)
For Info.
717-442-4181 business
215-458-8518 home
L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

Hay And Straw Sales Will Start At 10 A.M. Every Wed.
GOOD'S AUCTION
111 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9554

A & C Diffenbach Auction Inc.
100 West Jackson Street • Box 186 • New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547
HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

MON.	JAN. 3	WHOLESALE FURNITURE	6:30 P.M.
WED.	JAN. 5	WINROSS & TOYS	6:30 P.M.
FRI.	JAN. 14	FARM EQUIP. TRACTORS & SUPPLIES	9:00 A.M.

EQUIPPED FOR AN AUCTION AT YOUR PLACE OR OURS
ALAN DIFFENBACH AUCT. - AU2258-L

GREENCASTLE LIVESTOCK MARKET, INC.
Off Exit 3 of I-81
GREENCASTLE, PA. 17225
SALES EVERY
MONDAY at 2:00 P.M.
THURSDAY at 1:00 P.M.
HAY & [illegible] A.M.
[illegible] at Every Month at [illegible]
FEEDER CATTLE SOLD 1st Friday Night
Poultry, Eggs, Rabbits & [illegible]
Every Wednesday at 6:00 P.M.
Charles "Jim" Metz, OFF. MGR. Res. (301) 739-4470
Jeffrey S. Craig, OWNER Res. (717) 532-5224
OFFICE - 717-597-2171
NEXT "FEEDER CATTLE SALE"
FRIDAY, JANUARY 7 - 7:15 P.M.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION
LIVESTOCK IS OUR ONLY BUSINESS

MONDAY
SLAUGHTER HOGS
EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.
10:00 A.M.
HORSES
MULES
1:30 P.M.
BEEF SALE
SHEEP
GOATS
CALVES

THURSDAY
Beef Auction 10:00 A.M.
BULLS, STEERS, BEEF COWS
1:00 P.M.
STOCKERS & FEEDERS
11:30 A.M.
SHEEP
GOATS
CALVES

WEDNESDAY
HEIFER SALE 11:00 A.M.
COW SALE 12:00 NOON
HEIFERS BULLS DAIRY COWS
We have the usual run of 50 to 100 Heifers, all ages. Loads of fresh cows and springers from our regular shippers. Also some local fresh cows and springers.
1:30 P.M.
FEEDER PIG SALE
Pigs are accepted after 6:30 A.M. State graded from 8 to 12. Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.
MANAGERS
Norman & David Kolb - 717-397-5538
Field Representatives
Luke Eberly - 215-267-6606 738-1865
Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849
Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX #717-355-0706
Order Buyer
Paul Good - 215-445-6662

Friend's Stockyard Inc.

Accident, Md. 21520
Report Supplied by Auction
December 27, 1993

STOCK BULLS AND STEERS (200-500 LBS.) NON AVAILABLE-70.00-85.00, CHRISTMAS HOLIDAY.

STOCK HEIFERS: NON AVAILABLE/CHRISTMAS HOLIDAY 60.00-71.00.

SLAUGHTER STEERS: GOOD TO CHOICE 67.50-71.75, MEDIUM TO GOOD 64.00-67.00, HEAVY CHOICE OVER 1450 LB. 65.00-69.00.

HOLSTEIN STEERS: HEAVY 56.00-60.00, LIGHT 48.50-56.00.

SLAUGHTER HEIFERS: GOOD TO CHOICE 64.00-68.00, MEDIUM TO GOOD 46.00-57.00.

BULLS: HEAVY 51.00-62.00, LIGHT 46.00-57.00.

COWS: FEW HIGH DRESSING 45.00-50.00, UTILITY (HOLSTEIN) 44.00-49.50, 40.00-45.50, COMMERCIAL TO GOOD 38.00-44.00, CULL COWS 38.00 AND DOWN.

VEALS: GOOD TO CHOICE 70.00-85.00, MEDIUM TO GOOD 50.00-69.00.

BOB CALVES: 40.00 AND DOWN.

HOLSTEIN BULL CALVES — RETURN TO FARM (90 TO 120 LB.)-120.00-170.00.

HOLSTEIN HEIFER CALVES — RETURN TO FARM (100 TO 120 LB.) - 150.00-190.00.

BEEF CROSS CALVES — RETURN TO FARM UP TO 170.00.

HOGS: TOP QUALITY 39.00-40.25, HEAVY 38.00-39.50, LIGHT 35.00-39.00.

SOWS: 28.00-32.00.

MALE HOGS: 23.00-28.00.

LAMBS: 55.00-73.50.

FEEDER LAMBS: 60.00-75.00.

SHEEP: 10.00-24.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDRED WEIGHT!

Frederick Livestock Auction

Frederick, Md.
December 27, 1993
Report Supplied by Auction

SLAUGHTER COWS: 117 HEAD, STEADY TO 1.00 HIGHER. UTILITY 45.00-48.75; HIGH DRESSING 49.00-51.00 1 @ 52.75; CANNERS 41.00-45.00; SHELLY 41.00 DOWN.

BULLS: YG#2 1500-1800 LBS. 55.00-58.00.

FED STEERS: NONE.

FED HEIFERS; FEW OFFERED.

VEAL CALVES: 1 PR. 305 LB. @ 105.00; CULLS 85-110 LB. 55.00-65.00; 50-80 LB. 50.00-56.00; WEAK/ROUGH 48.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 150.00-174.00; 90 LBS. TO 125.00, 75-85 LBS. 65.00-100.00; HOLSTEIN HEIFERS 100-120 LBS. TO 190.00; 85-95 LBS. 110.00-175.00; BEEF X BULLS TO 165.00.

BUTCHER HOGS: FEW OFFERED; STRONG DEMAND FROM SMALL BUTCHERS, 5 HD. 225-250 LB. 46.00; 3 HD. 227 LB. @ 39.00; 4 HD. 325-380 LB. 40.00-44.00.

SOWS: NONE.

STOCK CATTLE: STEERS NONE.

HEIFERS: FEW HOL. 600-750 LB. 56.00-72.00.

BULLS: FEW 450-650 LBS. 68.00-71.00; FEW HOL., 130.00-20.00 TO 85.00.

LAMBS: CHOICE 90-120 LBS. 62.00-63.50.

SHEEP: 18.00-25.00.

GOATS: MEDIUM 45.00-66.00, 1 SMALL @ 28.00.

PIGS AND SHOATS: BY THE HEAD, 14 HD. 45-60 LBS. 21.00-27.00.

HATFIELD QUALITY MEATS Weight & Grade Program — Base Price 42.75 at Plant, plus bonus on quality hogs. Buying Station is held every Tuesday at Four States in Hagerstown.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, December 27, 1993
Report Supplied by Auction

CATTLE: STEERS: 98. STANDARD 55.00-58.50, UTILITY 54.00-DOWN. HEIFERS: STANDARD 54.50-58.00, UTILITY 53.50-DOWN. COWS: BR. UTILITY & COMMERCIAL 48.00-54.50, A COUPLE TO 57.50, CUTTER & BON. UT. 44.00-48.00, CANNER & LOW CUTTER 40.50-43.50, SHELLS DOWN TO 38.50 DOWN.

BULLS: YIELD GRADE NO. 1 55.00-64.50, YIELD GRADE NO. 2 51.00-55.50.

FEEDER STEERS: 200-300 LBS. 75.00-95.00; 300-500 LBS. 67.00-88.00; 500-800 LBS. 53.00-83.00. HEIFERS: 200-300 LBS. 72.00-85.00; 300-500 LBS. 65.00-82.50; 500-800 LBS. 52.50-78.00. BULLS: 200-300 LBS. 75.00-100.00; 300-500 LBS. 62.00-89.00; 500-800 LBS. 50.00-83.00.

CALVES: VEALERS: 89. GOOD 70.00-84.00; STANDARD & GOOD 61.00-69.50; UTILITY 60.00-DOWN.

FARM CALVES: HOL. BULLS #1 145.00-190.00, HOL. HEIFERS 105.00-215.00; HOL. BULLS #2 120.00-142.50; BEEF BULLS 90.00-177.50; BEEF HEIFERS 85.00-160.00.

HOGS: 40. US NO. 1-2 220-260 LBS. 38.00-41.00; US NO. 1-3 260-280 LBS. 35.00-39.00; US NO. 2-3 140-195 LBS. 34.50-36.00.

SOWS: UNDER 500 LBS. 28.00-32.50, OVER 500 LBS. 29.00-36.50.

BOARS: 26.50-28.00.

SHEEP 56. HIGH CHOICE & PRIME 65.00-74.00, CHOICE 75-100 LBS. 66.00-72.50, 100-125 LBS. 58.00-65.00. FEEDER LAMB UTILITY 62.50-DOWN, EWES 28.50-36.00.

GOATS: BY HEAD MEDIUM 22.00-34.00, SMALL 10.00-20.00.

Westminster Livestock

Hagerstown, Md.
December 28, 1993
Report supplied by auction

SLAUGHTER COWS: 56 HD. UTILITY 45.00-49.75; HIGH DRESSING 50.00-51.00; CANNERS 41.00-46.00; SHELLY 41.00 DOWN.

BULLS: LOW DRESSING 52.00-53.75.

FED STEERS: FEW OFFERED; LOW SEL. 1400-1500 LB. 61.00-63.00.

VEAL CALVES: CHOICE NONE; CULLS 85-110 LB. 55.00-63.00, 50-80 LB. 49.00-56.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 90-120 LBS. 145.00-169.00; 80-85 LBS. 65.00-95.00; HOLSTEIN HEIFERS, NONE OFFERED; BEEF X BULLS 80-90 LBS. TO 137.00.

BUTCHER HOGS: US#1&3 225-260 LBS. 38.50-39.75, FEW 270-280 LB. 37.00-38.00.

SOWS: 300-450 LBS. 29.00-33.00; 450-650 LB. 34.00-35.00.

BOARS: NONE.

STOCK CATTLE: LIGHT RUN, STEERS FEW 150-300 LB. 80.00-90.00, 600-800 LB. 62.00-65.00.

HEIFERS: 300-400 LB. 62.00-68.00.

BULLS: NONE.

LAMBS: 15 HD. H. CH. 95-125 LB. 66.00-69.50, 1 130 LB. @ 58.00, 70-90 LB. 67.00-77.00.

SHEEP FEW 20.00-25.00, YEARLINGS 42.00.

GOATS; LARGE 1 @ 68.00, MEDIUM 35.00-52.00.

PIGS & SHOATS BY THE HEAD 20-30 LB. TO 19.00.

NEXT STATE GRADED FEEDER PIG SALE WILL BE FRIDAY, JAN. 7, 1994 1:30 P.M.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 28, 1993
Report Supplied by PDA

CATTLE 134.. PDA . STEERS: two Select 61.75-62.25, few Standard 53.75-58.00. HOLSTEINS: one Select 62.00, one Standard 59.25. HEIFERS: one Select Holstein 55.75, two Utility 46.75-47.25. COWS: Breaking Utility and Commercial 47.75-50.50, low dressing 42.00-47.00, Cutter and Boning Utility 44.75-48.75, few 50.25, Canner & Low Cutter 40.00-44.25. Shells down to 30.00. BULLOCKS: one Select Holstein 58.75. BULLS: few Yield Grade No. 1 1540/1900 lbs. 56.00-61.00.

CALVES 140..VEALERS: two Good 70.00 & 77.00, Standard and Good 75/110 lbs. 50.00-67.00, Utility 40/80 lbs. 20.00-32.00, few 45.00. RETURNED TO FARM: No. 1. Holstein bulls 85/120 lbs. 140.00-174.00, few 130/145 lbs. 107.00-130.00, No. 2 75/115 lbs. 100.00-140.00, few down 80.00; few No. 1 Holstein heifers 90/100 lbs. 135.00-197.00, few No. 2 70/85 lbs. 80.00-120.00. One Beef cross bull 85 lbs. 147.00.

HOGS 58...BARROWS AND GILTS: lot US No. 1-3 263 lbs. 41.50, few US 2-3 263/308 lbs. 35.00-39.00. SOWS: US No. 1-3 295/630 lbs. 29.00-36.00 mostly 31.00-34.75. BOARS: few 27.25-29.25.

FEEDER PIGS 6..Two Lots US 1-3 62 & 63 lbs. 36.00 & 46.00.-- per cwt.

SHEEP 0..No market test.

GOATS 0..No market test.

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There's never been a better time to plant Pioneer® brand soybean varieties. Our new and dependable varieties offer higher yield potential, strong agronomic traits and improved disease and pest resistance. So don't wait. Ask your Pioneer sales representative about the varieties that are right for you. Bulk seed options also available.

9341 Extremely high yield potential with very good standability. Excellent shattering resistance, outstanding field emergence and moderately bushy canopy. 9341 responds to highly productive soils and good management. Above average tolerance to Phytophthora root rot. Mid-Group III.

9392 Record-setting yield potential. Very good Phytophthora root rot tolerance. Excellent field emergence and shattering resistance. Outstanding standability. Late Group III.

9442 Exceptional field emergence; gets off to a good start. Excellent yield potential and strong standability. Moderately branching plant canopy. Excellent resistance to shattering. Good Phytophthora field tolerance. Mid-Group IV.

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PH 717-866-7565

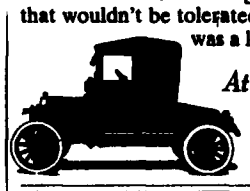
JANUARY 3-9 1994

THIS WEEK WITH

TWELFTH NIGHT, JAN. 5.

A MIXED BLESSING

Eighty years ago, workers at Henry Ford's Detroit car factory earned $2.34 for a 9-hour day. On January 5, 1914, plant officials announced Ford's amazing plan to pay $5 a day for an 8-hour shift! This involved switching from two 9-hour to three 8-hour shifts and adding a $2.66 "profit sharing" bonus for all male employees age 22 or older, employed for at least six months, and who were "clean, sober, and industrious." To certify the last requirement, Ford created the "Sociological Department," whose job was to visit homes, interview wives and neighbors, and ask personal questions that wouldn't be tolerated today. But in those days, $5 a day was a lot of money!



At the workingman's house hunger looks in but dares not enter.

TIP OF THE WEEK

☛ **Get almost twice as much juice from a lemon by submerging it in hot water for 15 minutes before squeezing.**

EARWISE

More than one-third of the petroleum used in the U.S. powers cars and light trucks. Whatever your current vehicle, you can help reduce that consumption. Keep your car tuned up and filters clean. Keep tires inflated to proper pressure. (Radials are most fuel-efficient.) You can lose 2% in fuel economy for every pound below recommended pressure. Drive at a steady pace: don't accelerate and then slam on the brakes — it wastes gas!

PINEAPPLE BETTY

½ cup light brown sugar
1 teaspoon grated lemon rind
1½ teaspoons cinnamon
15 graham crackers, crumbled
3 cups diced canned pineapple
4 tablespoons butter

Combine sugar, rind, and cinnamon. Spread one third of the crackers in a greased 1-quart casserole; add half the pineapple. Top with half the sugar mixture. Add another layer of crackers, then remaining pineapple. Combine remaining cracker crumbs and sugar mixture; sprinkle over pineapple. Dot with butter. Bake at 400° F until the top is brown and crusty.

Makes 4 to 6 servings.

The OLD FARMER'S WEATHER FORECAST

NORTHEAST: Snow; freezing rain south, then sunny and cold; milder; rain, snow mountains.

SOUTHEAST: Cold, snow and rain; clearing; cold north, warmer south; some showers and mild.

MIDWEST: Sunny, warming; some flurries then snowy and very cold.

NORTHWEST: Rainy and mild; snow mountains, turning sunny and mild coast.

SOUTHWEST: Showers and cool, clear California; snow mountains; rain and snow east; hard frost, then sunny and mild Desert and California.

Greencastle Livestock

Greencastle, Pa.
Report Supplied by Auction
December 27, 1993

SLAUGHTER CATTLE RECEIPTS: 604 HD.

SLAUGHTER STEERS: 141 HD. TREND: STEADY TO STRONGER.

HIGH CHOICE AND PRIME 2-4, 71.50-74.00; CHOICE 2-3 950-1075 LBS. 67.00-71.50; CHOICE 2-3 1075-1375 LBS. 68.00-72.00; CHOICE 2-3 OVER 1375 LBS. 64.00-69.50; CHOICE 4 ALL WEIGHTS 60.00-65.75; SELECT & CHOICE 1-2 950-1100 LBS. 65.00-67.50; SELECT & CHOICE 1-2 1100-1375 LBS. 64.00-68.00; SELECT & CHOICE 1-2 OVER 1375 LBS. 62.00-66.00.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 61.50-64.75; SELECT 1-2 1050-1450 LBS. 56.50-61.00.

SLAUGHTER HEIFERS: 67 HD, MARKET STEADY TO STRONGER. CHOICE 2-3 850-1000 LBS. 64.00-70.00; CHOICE 2-3 1000-1250 LBS. 66.00-72.25; CHOICE 4, ALL WEIGHTS 60.00-64.50; SELECT & CHOICE 1-2 850-1000 LBS. 62.00-68.00; SELECT AND CHOICE 1-2, 1000-1250 LBS. 60.00-67.00.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 58.00-63.75; SELECT & CHOICE 1-2 1000-1350 LBS. 52.50-57.50.

SLAUGHTER BULLS: 28 HD. MARKET STRONGER. YIELD GRADE 1 ALL WEIGHTS 60.00-70.00; YIELD GRADE 2 ALL WEIGHTS 52.50-59.50.

BULLOCKS: 11 HEAD. CHOICE 1-3 950-1150 LBS. 60.00-63.50; 1150-1375 LBS. 63.00-66.25; SELECT 1-2 950-1250 LBS., 65.00-74.75.

COWS: 357 HD. TREND: STEADY TO STRONGER. BREAKING UTILITY & COMMERCIAL 42.00-46.50; CUTTER & BONING UTILITY 45.50-52.50; CANNER & LOW CUTTER 45.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 85 HD., TREND STEADY. BEEF TYPES: 200-400 LBS. STEERS 85.00-105.00, BULLS 80.00-95.00, HEIFERS 72.00-90.00; 400-600 LBS. STEERS 75.00-84.00, BULLS 67.00-77.00, HEIFERS 66.00-74.00; 600-800 LBS. STEERS 70.00-77.50, BULLS 62.00-67.00, HEIFERS 65.00-71.00; 800-975 LBS. STEERS 63.00-69.00, BULLS 56.00-61.00; HEIFERS, 60.00-66.00.

HOLSTEIN AND DAIRY CROSS: 200-400 LB. STEERS 72.00-80.00; 400-600 LB. STEERS 62.00-65.00; 600-800 LB. STEERS 57.00-62.00; 800-975 LB. STEERS 49.00-54.00.

CALVES: 464 HD. VEAL CALVES. TREND: STEADY. CHOICE 150-300 LBS. 85.00-102.00; GOOD 150-300 LBS. 75.00-90.00; GOOD 100-150 LBS. 75.00-80.00; GOOD 80-100 LBS. 55.00-70.00; STANDARD 80-100 LBS. 50.00-60.00; STANDARD 80 LBS. & DOWN 50.00 AND DOWN.

CALVES RETURNING TO THE FARM, TREND STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 180.00; UNDER 100 LBS. UP TO 176.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 210.00; UNDER 100 LBS. UP TO 195.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 190.00; BEEF TYPE BULLS UNDER 90 LBS. 175.00.

SHEEP & LAMBS: 59 HD. LAMBS: TREND: 2.00 HIGHER. CHOICE 80-100 LBS. 70.00-75.00; 100-120 LBS. 64.00-68.00; 120 LBS. AND OVER 55.00-62.50; MEDIUM AND GOOD ALL WEIGHTS 65.00-74.00; LIGHT LAMBS 75.00-90.00.

SHEEP: EWES LEAN 27.50-37.50; EWES FAT 22.00-25.00; YEARLINGS 36.00-42.75, BUCKS 21.00-25.50.

GOATS: 43 HD., SMALL 20.00-34.00; MEDIUM 40.00-65.00; LARGE 65.00-135.00, X-LARGE 69.00-165.00.

HOGS, SOWS & BOARS: 140 HEAD, 1.00 HIGHER. HOGS, BARROWS & GILTS: 210-250 LBS. 37.50-40.50; 250-260 LBS. 37.25-39.50; 260-270 LBS. 36.00-38.00; 270-300 LBS. 35.00-38.00.

LIGHT HOGS: 140-180 LBS. 30.00-34.50; 180-210 LBS. 33.00-37.00.

SOWS: TREND STEADY. GOOD SOWS UNDER 400 LBS. 29.00-33.50; GOOD SOWS UNDER 400 LBS. 30.00-35.00; CULL SOWS ALL WEIGHTS 28.00 AND DOWN.

BOARS: TREND STEADY. 180-210 LBS. 30.00-31.00; 210-260 LBS. 30.00-32.00; 260-300 LBS. 27.00-29.00; 300 LBS. AND OVER 26.00-27.50.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, JANUARY 7, 1994, AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, JANUARY 22, 1994, AT 1:00 P.M.

TOWN AND COUNTRY POURED WALLS
• Manure Pits
• Retaining Walls
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• Market Hogs
• Sows • Boars
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Mon. 6:30-11 a.m.
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ROAD SALESMAN - CARL HERSHEY
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PARTSMAN - JOHN STONER
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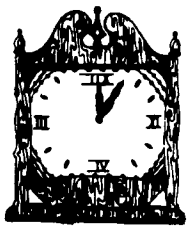
PARTSMAN - ROBERT HERR
PARTSMAN - RAY SHISSLER
PARTSMAN - DICK SKETHWAY
PARTSMAN - CALVIN EBY
PARTSMAN - ROBERT GROFF
PARTSMAN - EARL WALKER
PARTSMAN - ROBERT BOOK
STOCKMEN - JOHN YODER, LLOYD GROFF, SANFORD HERSHEY

By Service We Grow



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ROAD SALESMAN - MARK LOCKWOOD
ROAD SALESMAN - SAM NULL
PARTSMAN - SALLY AIKEN
PARTSMAN - BILL THOMAS
PARTSMAN - STEVE HANIFEE
PARTSMAN - LARRY MOORE
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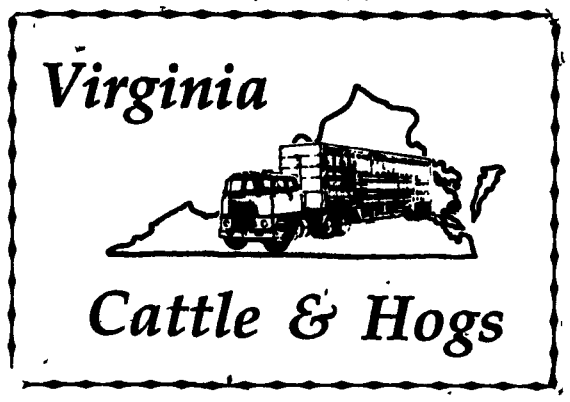

Virginia Weekly

Tuesday, December 21, 1993

WEEKLY REVIEW IN VIRGINIA: REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD DECEMBER 15-20, 1993. RECEIPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 1390 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) TOTALED 2079 HEAD. THE VIRGINIA DIRECT HOG MARKET FOR MONDAY DECEMBER 20, 1993 CLOSED $1.50 LOWER COMPARED TO LAST TUESDAY'S TRADING.

BARROWS AND GILTS: VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS 37.50.

LOCAL PLANT DELIVERED (30 MILE RADIUS): US 1-2 220-250 LBS. 37.00-38.00 FEW 38.50 US 2-3 220-250 LBS. 36.00-37.00.

SLAUGHTER STEERS AND HEIFERS 0%; SLAUGHTER COWS 21% SLAUGHTER BULLS 3%, SLAUGHTER CALVES AND VEALERS 1%; FEEDER CATTLE UNDER 600 LBS 56%, OVER 600 LBS 19%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS: SLAUGHTER CATTLE: TOTAL HEAD COUNT 0 HEAD STEERS: SELECT 2-3 1000-1200 LBS ---- SELECT 2-3 1200 LBS & OVER ---- HEIFERS: STANDARD 1-2 850-1100 LBS ---- SELECT 2-3 850-1100 LBS ---- SELECT 2-3 1100-1500 LBS.

SLAUGHTER COWS TOTAL HEAD COUNT 460 HEAD UTILITY & COMMERCIAL COWS 38.00-48.00.

SLAUGHTER BULLS: HEAD COUNT 65 HEAD BULLS - 1-2 900-1300 LBS 53.00-59.50 1-2 1300-1600 LBS 50.00-61.00 1-2 1600 LBS & OVER 51.25-60.00 FEW 49.00.

SLAUGHTER CALVES & VEALERS TOTAL HEAD COUNT 12 HEAD CALVES - GOOD AND CHOICE 250-500 LBS 68.00-73.00 VEALERS - GOOD AND CHOICE 200-350 LBS.

SLAUGHTER LAMBS TOTAL HEAD COUNT 360 HEAD (OLD CROP) WOOLED CHOICE & PRIME 3-4 135 LB. ---- CHOICE & FEW PRIME 1-2 FEW 3 92-125 LB. 62.00-71.00 FEW 59.50-61.50 GOOD & FEW CHOICE 1-2 90-99 LB. 60.00-70.00.

SLAUGHTER HOGS TOTAL HEAD COUNT 32 US 1-3 200-250 LBS 36.50 SOWS US 1-3 300-500 LBS 34.00-38.00 500 LBS & OVER.

FEEDER CATTLE TOTAL HEAD COUNT FOR ALL WEIGHTS 1630 HEAD STEERS: MEDIUM 1 200-300 100.00-112.00 300-400 90.00-110.00 FEW 83.50-90.00 400-500 85.00-101.00 FEW 80.00-85.00 500-600 80.00- 90.00 600-700 78.00- 87.00.

HEIFERS: MEDIUM 1 200-300 ---- 300-400 77.00-92.00 FEW 69.50-77.00 400-500 75.00-89.00 FEW 69.00-75.00 500-600 69.00-81.50.

SPECIAL SLAUGHTER CATTLE SALE HELD AT FRONT ROYAL, VIRGINIA ON DECEMBER 16, 1993 49 HEAD SOLD STATE GRADED.

STEERS: CHOICE 2-3 1150-1400 LBS 67.00-73.00 CHOICE 2-3 1400-1600 LBS 67.00-70.75.

HEIFERS: CHOICE 2-3 950-1350 LBS 68.75-71.25.

****DUE TO THE CHRISTMAS HOLIDAY'S AND LACK OF INFOMATION THIS REPORT WILL NOT BE ISSUED THE WEEK OF DECEMBER 27 AND JANUARY 3, 1994.******

*******HAVE A MERRY CHRISTMAS AND HAPPY NEW YEAR.***

North Virginia

Richmond, Va.

Tuesday, December 28, 1993

PRICES BASED ON IN WEIGHTS. NO REPORT ON REGULAR SALE DUE TO ICE AND SNOW STORM.

Oklahoma City Feeder Cattle

Oklahoma City, Okla.

Wednesday, December 22, 1993

ATTENTION DODGE CITY ** OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY: Compared to last week: Feeder steers and steer calves steady to $1.00 higher, most advance on 800-900 lbs.. Feeder heifers and heifer calves steady to $2.00 higher. Trade active on light preholiday supplies. Demand excellent for both calves and yearlings. Quality average and attractive. Flesh mostly in buyers favor, slightly thin to average. Weigh-ups mostly average to gaunt. Slaughter cows fully $2.00 higher. Slaughter bulls firm to $1.00 higher. Demand from packers continue good as supplies shorten. Total of 451 cows and bulls sold. Receipts this week 3,213; last week 7,580; last year 2,629. Supply consisted of 63 percent yearlings and few calves over 600 lbs.; 22 percent calves under 600 lbs.; 15 percent cows and bulls. Prices follow with weighted average weight and price in parenthesis.

Feeder Steers: Medium and Large Frame 1: 350-400 lbs. (363 lbs.) $113.00-$115.00 ($113.89); 400-450 lbs. (436 lbs.) $99.50-$111.00 ($106.83); 450- 500 lbs. (466 lbs.) $98.00-$104.50 ($102.45); 500-550 lbs. (533 lbs.) $89.25-$97.00 ($94.52); 550-600 lbs. (582 lbs.) $88.00-$91.50 ($90.45); 600-650 lbs. (625 lbs.) $85.50-$91.50 ($88.34); 650-700 lbs. (677 lbs.) $85.50-$89.75 ($87.51); 700-800 lbs. (750 lbs.) $84.50-$86.50 ($85.59) 800-900 lbs. (850 lbs.) $81.75-$86.00 ($83.71); 900-950 lbs. (919 lbs.) $78.35-$81.25 ($80.06); 1000-1050 lbs. (1021 lbs.) $73.50-$74.85 ($74.06). Holstein Steers: Large Frame 2: pkg 520 lbs. $77.50; few 700-825 lbs. $62.25-$65.00.

Feeder Heifers: Medium and Large Frame 1: pkg 290 lbs. $105.00; 350- 400 lbs. (357lbs.) $99.00-$100.00 ($99.54); 400-450 lbs. (436lbs.) $88.75-$99.00 ($93.01); 450-500 lbs. (470 lbs.) $84.00-$90.00 ($87.00); 500-600 lbs. (550 lbs.) $84.50-$89.00 ($87.09), pkg thin $95.75; 600- 700 lbs. (650 lbs.) $82.25-$85.75 ($83.14); 700-800 lbs. (750 lbs.) $77.75-$82.25 ($79.13); 800-850 lbs. (817 lbs.) $75.00-$81.50 ($78.06).

Slaughter Cows: Cutter, Boning and Breaking Utility Y.G. 1-4 average dressing $45.00-$48.50; high dressing $48.50-$51.50, very high dressing $52.25-$52.75; low dressing $41.00-$44.50. Canner and low Cutter $35.50-$39.50.

Slaughter Bulls: Y.G. 1 1575-1975 lbs. average dressing $57.00- $60.00; few high dressing and high boning $61.00-$62.00.

Replacement Cows: Pre-tested for Bangs, pregnancy and age Medium and Large Frame 1 average quality: 6-8 yrs old 1025-1475 lbs. 6-8 months bred $650.00-$775.00/hd 9-10 yrs old 900-1250 lbs. 5-8 months bred $475.00-$550.00/hd lot 1435 lbs. 6-8 months bred $655.00/hd.

Pairs: Medium and Large Frame 1 5-7 year old 900-1100 lb. cows with 100-150 lb. calves $735.00-$790.00/pair.

Some markets, which missed last week's deadline, are printed in this issue.

Some markets not available due to the holiday

New Holland Horses

New Holland Sales Stables

New Holland, PA

Monday, December 26, 1993

Report Supplied By Auction

126 HEAD. MARKET STRONGER DUE TO SUPPLY.

DRIVING HORSES 585.00-825.00.

RIDING HORSES 520.00-1275.00.

KILLERS, BETTER KILLERS 1035.00-1185.00, HEAVYWEIGHT 835.00-950.00, LIGHTWEIGHT 485.00-760.00.

PONIES: 135.00-275.00.

LARGE PONIES 350.00-410.00.

COLTS 150.00-430.00.

LIGHT WEIGHTS 485.00-760.00.

New Holland Dairy

New Holland Sales Stables

Wednesday, December 29, 1993

Report supplied by auction

DAIRY COWS 81; HEIFERS 36 AND 4 BULLS. MARKET LOWER.

LOCAL FRESH COWS 635.00-1100.00.

FRESH HEIFERS 685.00-1055.00.

LOCAL SPRINGERS 960.00-1125.00.

UPSTATE LOADS FRESH 750.00-1475.00.

BETTER FRESH COWS 1210.00-1375.00, 1 PB FRESH 1850.00.

HERD 17 HEAD ALL STAGES, 825.00-1425.00.

SPRINGING HEIFERS LARGE 1015.00-1135.00, SMALL 775.00-960.00.

SHORT BRED HEIFERS 625.00-885.00.

OPEN BREEDING AGE HEIFERS 710.00-785.00.

SMALL OPEN HEIFERS 380.00-610.00.

BULLS: 666.00-770.00.

Dewart Livestock

Dewart, Pa.

Monday, December 27, 1993

Report Supplied by Auction

STEERS: 58.00-68.25.

HEIFERS: 55.00-64.00.

GOOD COWS: 46.00-51.00.

CANNERS AND CUTTERS: 40.00-46.00.

BULLS: 45.00-57.75.

VEALS: 90-190 LBS. 99.00-200.00, 70-90 LBS. 70.00-99.00.

HOGS: TOO FEW TO QUOTE.

SOWS: 25.00-34.50.

FEEDER PIGS: 15.00-84.00.

Game Plan For A Winning Season!

Check out these plays our seed team has put together for you.

	THE VIRGINIA NINJA	
HT7748	118 DAY	WIDELY ADAPTABLE - GOOD DROUGHT TOLERANCE.
HT7728	116 DAY	PERFORMS WELL UNDER TOP MANAGEMENT.
HT650A	115 DAY	NCGA NATIONAL CHAMPION.
	THE CHESAPEAKE SNEAK	
HT736	118 DAY	EXCELLENT STANDABILITY UNDER IRRIGATION.
HB6407	115 DAY	GOOD ON LIGHT SOILS - BEST TOP MANAGEMENT.
HT536	110 DAY	GOOD STRESS TOLERANCE - FAST DRY DOWN.
	THE LANCASTER BLASTER	
HB6334	117 DAY	HIGH YIELDS UNDER TOP MANAGEMENT.
HT650A	115 DAY	NCGA NATIONAL CHAMPION.
HT7510	113 DAY	WIDELY ADAPTABLE - EXCELLENT YIELDS.
	THE FINGER LAKES SHAKE	
HB6500	104 DAY	EXCELLENT DUAL PURPOSE - GREAT STALKS.
HT318	100 DAY	EXCELLENT DUAL PURPOSE - HIGH YIELDS.
HT7224	90 DAY	DUAL PURPOSE - EXCELLENT QUALITY.
	THE NORTHEAST BEAST	
BH4418	95 DAY	RESPONDS TO HIGH POPULATIONS - **NEW!**
BH4044	77 DAY	GREAT GRAIN OR SILAGE - **NEW!**
BH4016	75 DAY	TERRIFIC DUAL PURPOSE PERFORMER - **NEW!**

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Beachley-Hardy Seed Company

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American Angus Association
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PARADISE TOBACCO SALES

Watch Your Wet Tobacco

PARADISE TOBACCO BARN

A Note to the Tobacco Farmer:

Again we ask for your help to fill the warehouse. We feel the price would have more effect if we would or could get bigger floor of tobacco. Not complaining - just explaining.

Thank You.

Receiving Dates: 1/3 7 AM - Sale 1/4 7-4 | 1/5 - 7 AM - Sale 1/6 - 7-4 | 1/7 - 7 AM-Sale

PARADISE SALES
EVERY MON., WED., FRI.

SALE DATES
JAN. 10, 12, 14

SALES WILL START PROMPTLY AT 10:00 AM
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Sale Barn Manager - Mitch White

Lancaster Farming

OPINION

Happy New Year To Busy Farmers

The work schedule on the farm in winter may be a little less strenuous than at planting, hay making, or at silo filling time or in corn or tobacco harvest. But for livestock and dairy farmers, the extra stable chores take time, so you still have a lot to do.

In addition, at this time of year farm educational meetings at the extension office or at your farm dealership or supplier are offered. Next year's production schedule can be set, and tax records assembled.

Nutrient management plans can be put in place this winter, and soil tests should be taken. Fertilizer, lime, seeds, and pesticides should be purchased to insure they are available in the spring.

Winter is a good time to check, repair, lubricate and reset equipment. If parts are worn, they should be replaced. You want to do everything possible to reduce down time on the equipment when you are running day and night in the fields.

Cows must be clipped and other livestock kept in clean stalls. Water pipes must be kept warm.

Many people who don't know better, think farmers have nothing to do in winter. But when these consumers sit down to their next meal, we think they should know that farmers are busy all winter too. The blessings of Thanksgiving and Christmas have been experienced this year. And now we anticipate the begining of a new year. Therefore, we wish all the busy people in agriculture a prosperous, healthful, and happy New Year.

Farm Calendar

Saturday, January 1
Happy New Year!

Sunday, January 2

Monday, January 3

Tuesday, January 4

Mercer County DHI annual meeting.

New Jersey Farm Bureau Dairy Summit, Tranquility Church, Tranquility, N.J., 10 a.m.-3 p.m., continues Jan. 6.

Leola Produce Auction meeting, Bareville Fire Hall, Leola, 12:30 p.m.

Raleigh DHIA Records Workshop, Amos Stoltzfus Farm, Honey Brook, 12:30 p.m.

Mid-Atlantic Nurserymen's Trade Conference, Baltimore, Md., thru Jan. 6.

Berks County Dairy Day, Extension Office, Leesport.

Adams County Dairy Day, Extension Office, Gettysburg, 9:30 a.m.-2:30 p.m.

Solanco Young Farmers pesticide recertification meeting, Solanco High School, 7:30 p.m.

Wednesday, January 5

Lancaster County Conservation District annual meeting, Stock Yard Inn, 6 p.m.

Bucks/Montgomery Dairy Day, Family Heritage Restaurant, Franconia, 9:30 a.m.-3 p.m.

Franklin County Dairy Day, Kauffman's Community Center, Chambersburg, 9:30 a.m.-2:40 p.m.

Milk Marketing Board Sunshine Meeting, Pa. Dept. of Ag, Harrisburg.

Thursday, January 6

Pa. State Farm Show, judging only.

Mercer County pesticide meeting, Elder Sales and Service,

(Turn to Page A27)

Farm Forum

Editor,

Have you ever sat by and watched your best friend die?

However crushing it might have been it cannot compare to the devastation one experiences when death comes as a result of irresponsibility.

Rocky, my Golden Retriever, a beloved Father's Day gift given to me in the mid-eighties, is at my side, stricken with heartworms, not far from death.

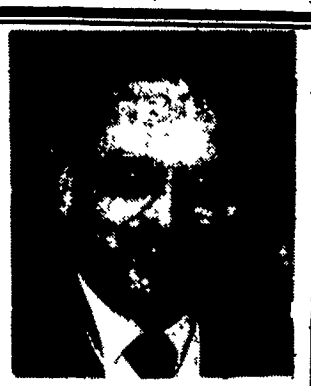
It could easily have been avoided and I been diligent as a pet owner and put him on the regimen recommended by virtually every licensed veterinarian. This mosquito borne parasite has also invaded the systems of three other dogs of mine, but because they are relatively young and robust, they are successfully recuperating from the sometimes fatal treatment.

I used to pride myself as an animal lover but this is no longer the case. Sure, I hug them constantly, give them treats (probably too often), let them take advantage of me-even share my bed with them from time to time. But these indulgences can only be part of a commitment.

The picture cannot be labeled "love" when their care is compromised. "Spoiling them rotten" means little if their well-being is neglected. Ignoring the necessity of regular checkups, periodic vaccinations and parasite control is to debase the meaning of animal love.

Certainly, I can and do reflect on all the wonderful times *Rocky* and I have had together; how he

(Turn to Page A31)



NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Study New Sire Information

According to Glenn Shirk, extension diary agent, the new sire rankings published in January 1994 will contain new information.

This new information will include predicted transmitting ability (PTA) for somatic cell score (SCS) and for productive life (PL).

PTA SCS indicates how well udder health qualities are transmitted to offspring. PTA PL indicates how well longevity traits are transmitted.

Cow summaries will begin to contain this new information in July 1994. Also to be included in the new summaries is the net merit (NM) index. This new index combines the economic impact of somatic cell scores and productive life with the value of the milk, the fat, and the protein produced.

Dairy breeders should find this new information helpful as they search for the best genetics for upgrading their herds.

To Look At Farm Numbers

U.S. Secretary of Agriculture Mike Espy reported that the nation continues to loose about one percent of its farms each year or about 23,000 farms.

According to Espy, most of these are small farms less than 500 acres in size which no longer produce sufficient income to support the farm family. Espy also stated that 85 percent of the nation's agricultural output comes from 15 percent of the nation's farms.

This same trend may be seen in Pennsylvania. Between June 1, 1992 and June 1, 1993, Pennsylvania lost about 1,000 farms. This represents a decline of slightly less than two percent. In Pennsylvania, about 48 percent of the farms are less than 75 acres in size with an average gross sales of about $74.50 per acre. Thirty-six percent of the farms have an average size of 178 acres and average gross sales of $308 per acre, while 16 percent of the farms have an average size of more than 350 acres with an average gross sale of more than $575 per acre.

To Evaluate Future In Farming

With the beginning of a New Year, now is a good time to evaluate your future in farming.

With the increased productivity and efficiency in agriculture, farmers need to continue to grow and be better.

There are several factors that determine the size of a farm. One is the number of acres. The other is the speed with which we may harvest our crops or livestock and poultry production. The number of cows you are able to milk in an hour, the number of eggs you may pack in an hour, the number of acres you are able to harvest in an hour, and the number of hogs or broilers you may slaughter in an hour, etc. determine the optimum size of your farm.

Today the major limiting factor for farm growth besides money is probably land. Society is working on defining additional minimum standards to meet environmental standards and concerns of neighbors.

Studying the income figures based on farm size indicates farmers of small farms must develop additional sources of income. This could come from many sources.

- Become a part-time farmer and have another job to supplement income and provide health, retirement, and other benefits.
- Form partnerships with neighbors to develop a larger land base and farm size to generated needed additional income.
- Switch to higher income producing crops.
- Do more direct marketing.
- Sell or lease the farm and invest the money.
- Or use a combination of these or some other strategy you may develop.

Farming today is a business. We could learn a lot from our town business people on how they organize their businesses, methods of using outside capital, and business partnerships.

Take time now to discuss the future of farming with your family and develop a plan to achieve it. Do not forget to use the many sources of help available to you in developing your plan.

Feather Prof's Footnote: "The happiness of your life is in direct proportion to the character of your thoughts."

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

GOD'S MISTAKES
January 2, 1994

Background Scripture:
Luke 4:16-28
Devotional Reading:
Isaiah 61:1-2; 58:6

Does God make mistakes?

Practically all of us would be eager to say "No!" to that question. According to our beliefs it is absolutely impossible for God to ever be in error.

Yet, though we might vehemently deny that God makes mistakes, we often act as if he does. If God had to wait for each of his acts to be ratified by a worldwide popular referendum, his will would probably never be done. Someone has said that, if God were a committee, the universe would probably never have moved beyond the "Big Bang."

The fact is, God's ways are often not our ways. And when his ways are contrary to ours, we act as if the problem is with him not with us. That's why we take our civic cues from politicians rather than from God. That's why we usually leave God out of our business lives—God doesn't seem to have a "business head." And that is also why we relegate religion to the "spiritual," rather than the pragmatic, every day side. God is a nice fellow and all of that, but in "the real world" God's ways are just too impractical.

WHO'S THIS?

Sometimes Christians not only don't agree with God's ways, but they get downright upset about them. That's what Jesus experienced in his home town of Nazareth when he went to the synagogue on the Sabbath and read from the scroll of the Prophet Isaiah. At first, people were somewhat impressed with his reading, but then they began to question: "Is not this Joseph's son?" (Luke 4:22b). Actually, that quotation could be taken two different ways. It could mean appreciation: isn't it wonderful what our hometown boy is saying! Or, it could mean disdain: who does this local yokel think he is? Our key comes from Jesus' response: "Doubtless you will quote to me the proverb, 'Physician, heal yourself; what we have heard you did at Capernaum, do here also in your own country'". And he said, "Truly, I say to you, no prophet is acceptable in his own country" (Luke 4:23,24).

Obviously, Jesus did not regard their comment as a congratulation, for he knew that they did not really accept him and his mission. His local townspeople figured that, if God had chosen this man, he had made a mistake!

Jesus forced the issue to a head by citing to them two times in the history of Israel when God had bestowed his special blessings upon Gentiles instead of Jews. Keep in mind how much they despised the Gentiles. As William Barclay says in his commentary on Luke, "They believed that 'God had created the Gentiles to be fuel for the fires of hell.'". If God had specially blessed Gentiles such as Zaraphath and Naaman, he had made a mistake!

ANNOYED WITH THE GOSPEL

Now, of course, no good Jew would have ever said or allowed himself to think that God had made a mistake. But he might nevertheless have acted as if that were so. For Luke tells us, "When they heard this, all in the synagogue were filled with wrath" (4:28). What were they angry about? About what God had done. Their anger showed that they disapproved of what God had done.

Does that ever happen in our churches? Yes, it does when we find ourselves annoyed when the gospel of Jesus Christ is applied to people who, unlike ourselves, "don't deserve it." We would have a similar reaction if on some Sunday morning in church someone reminded us that God had healed an errant Hindu while Christians remained unhealed.

Unfortunately, like his fellow Nazarenes, many of us think that, because we are members of this church or that, we have a claim on the goodness of God. But, in fact, the goodness of God flows wherever people are receptive to it.

As always, the mistake is not God's, but ours.

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Pennsylvania Ag Prognosis Good For 1994

STEPHEN FORD
GREGORY HANSON
H. LOUIS MOORE
ROBERT YONKERS
PSU Extension Ag Economics

STATE COLLEGE (Centre Co.) — Further growth is in store for the United States economy during 1994.

The most recent recession was not as severe as thought and the 1992 recovery was much stronger than reported a year ago.

Gross domestic product grew by a surprising 4 percent for much of the 1992 period.

However, growth prospects for 1993 have been scaled back from earlier expectations. Gross domestic product (GDP) growth for 1993 is expected to be about 2.5 percent. Economic recovery has been characterized as being "stuck in low gear."

Unemployment continues to be a problem as employers try to increase output with smaller workforces.

The modest recovery rate brought some side benefits.

Consumer prices rose only 2.7 percent in the 12-month period ending Sept. 30. Commercial lending rates average 6 percent — their lowest levels in 25 years — and should remain near current levels through the first half of 1994.

Looking farther ahead, 1994 could be a repeat of 1993. Economic growth is projected to be 2.3 to 2.7 percent. Consumer prices will increase 3 percent or even less. Unemployment will change little from the current level of 6.8 percent, which is high by historical standards for this stage in an economic recovery.

Feed Supplies Sharply Lower

Agriculture had an unusual year during 1993.

Drought in the Northeast and Southeast and record floods in the Midwest sharply reduced crop prospects.

This was the first time that too much moisture reduced crop yields in such a large area of the country.

November projections of the national corn crop were 6.50 billion bushels, down 31 percent from last year's record crop. Soybean production in 1993 was expected to total 1.83 billion bushels, down 16 percent from last year.

Corn and soybean supplies will be tighter in 1994 than during the past year. Sizable stocks were carried over from 1992 record crops.

Corn stocks on September 1, 1993, were at 2.1 billion bushels, nearly double a year earlier, but on September 1, 1994, they should total about 1.1 billion bushels (Figure 1).

Tightening supplies of corn will support prices at 15- to 50-cents higher than during the past year. Higher prices will restrict corn used for livestock feeding by about 100 million bushels.

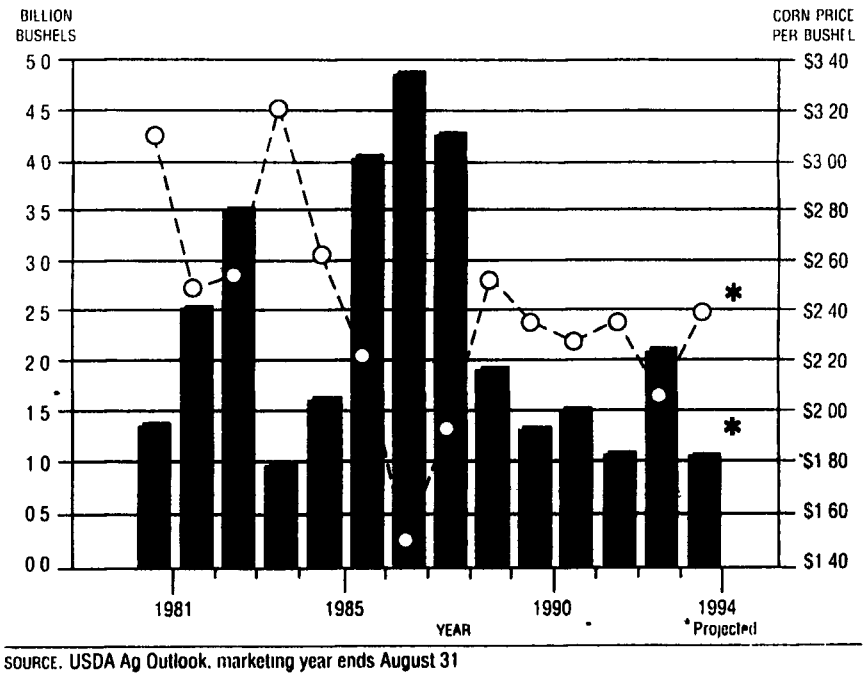
Corn exports have been dropping sharply.

Sales to Japan have been larger than a year ago but sale levels to the countries of the former Soviet Union have been sagging — a reflection of instability and the lack of hard currency in those countries.

Exports of corn for the 1993-94 year are projected at 1.4 billion

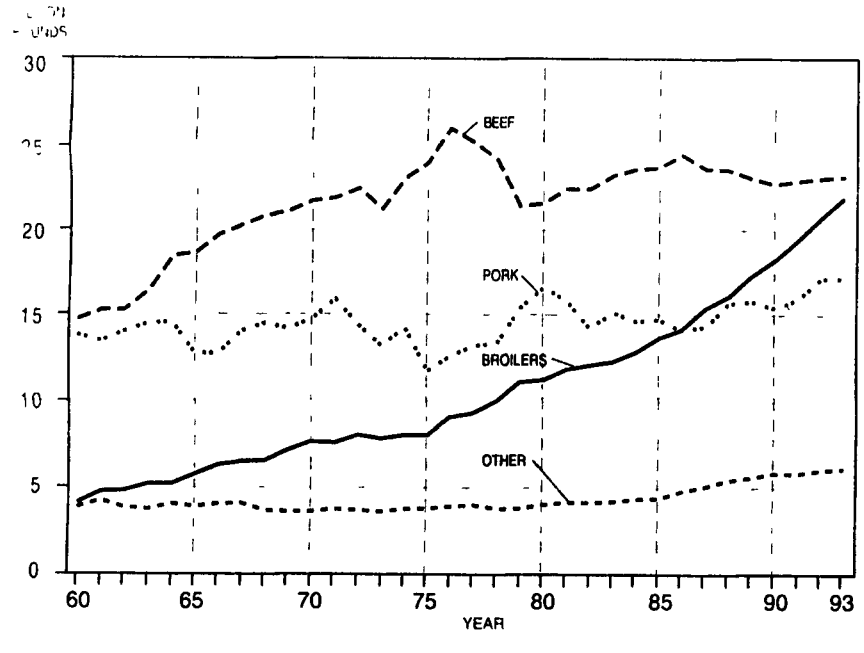
(Turn to Page A13)

Figure 1. Ending stocks and farm prices received for U.S. corn from 1980 to 1993.



SOURCE. USDA Ag Outlook, marketing year ends August 31

Figure 2. Meat production in the United States from 1960 to 1993.



SOURCE USDA National Agricultural Statistics Service

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2000/
3000
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BARNS

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Philadelphia Fruit Market

Philadelphia, Pa.

Wednesday, December 29, 1993

CITRUS FRUITS ---GRAPEFRUIT: MARKET STEADY 4/5 buctns FL Indian River Red 23s 11.00-11.50 fr qual 6.00-7.00 27s 10.00-11.50 mostly 10.00-11.00 fr qual 6.00-7.00 32s 9.00-10.00 mostly 10.00 few 10.00 fr qual 6.00-7.00 36s 8.50-10.00 mostly 8.50-9.00 few 10.50 fr qual 6.00-7.00 40s 7.00-10.00 fr qual 5.00 48s 6.00-9.00 few 9.50 fr qual 5.00 56s 9.00 fr qual 5.00 White 23s 9.50 27s 9.50 32s 9.50 36s 9.50 40s 8.00-8.50 48s 7.00-8.50 Interior Red 23s 9.00 32s 8.00 36s 8.00 40s 7.00 48s 5.00 --- LEMONS: MARKET STEADY ctns AZ 140s 14.00 fr qual 11.00 200s 12.00 CA 95s 29.00 fr qual 22.00 115s 22.00 fr qual 16.00 140s 14.00 fr qual 12.00 165s 11.00 fr qual 9.50-11.00 200s 11.00 fr qual 10.50 235s fr qual 10.00 ---LIMES: MARKET STEADY 10 lb ctns MX Seedless Type 48s 6.50-8.50 54s 6.50-8.50 63s 6.50-8.50 ---MISC CITRUS: MARKET SLIGHTLY HIGHER 2.5 kg crts MR Clementine 40s 4.00 SP Clementine 32s 4.00-4.50 36s 4.00-4.50 40s 4.00-4.50 10 kg crts MR Clementine 82s 17.00 90s 16.00 140s 10.00-12.

00 SP Clementine 82s 17.00 96s 12.00-14.00 fr cond 8.00-10.00 108s 12.00-14.00 fr cond 8.00-10.00 120s 12.00-13.00 mostly 12.00 few 11.00 fr cond 8.00-10.00 ctns 20-2 lb mesh sks 18.00-20.00 140s 10.00-12.00 --- ORANGES: MARKET STEADY ctns CA Navel 40s 14.50 fr qual 11.50 fr cond 5.00-6.00 48s 14.50 fr qual 11.50 fr cond 5.00-6.00 56s 14.00-14.50 fr qual 11.50 fr cond 5.00-6.00 72s 12.50-13.00 fr qual 9.50-11.50 fr cond 5.00-6.00 88s 11.50-12.50 fr qual 9.50-10.50 113s 11.00-11.50 fr qual 9.50 138s 10.50 fr qual 9.00-9.50 4/5 buctns FL Navel 56s 9.00 80s 8.00-9.00 Hamlins 80s 8.50-9.00 mostly 9.00 100s 8.00-8.50 125s 7.00 --- TANGELOS: MARKET STEADY 4/5 buctns FL Orlando 80s 8.00-10.00 100s 7.00-9.00 mostly 9.00 fr cond 4.50 125s 6.00-8.00 ---TANGERINES: MARKET ABOUT STEADY 4/5 buctns/crts FL Sunburst 80s 14.00-17.00 100s 14.00-16.00 mostly 14.00 120s 12.00-13.00 150s 12.00 176s 10.00-11.00 180s 10.00 --- TEMPLES: OFFERINGS NONE.

BERRIES ---BLUEBERRIES: OFFERINGS LIGHT MARKET LOWER flts 12 6-oz cups with lids NZ AIR lge 24.00 --- CRANBERRIES: OFFERINGS INSUFFICIENT TO QUOTE ---MISC BERRIES: OFFERINGS LIGHT flts 12 6-oz flmwrpd cups GU AIR Blackberries 15.00 --- RASPBERRIES: MARKET STEADY flts 12 4.4-oz cups flmwrpd CL AIR Red 14.00-16.00 ---STRAWBERRIES: MARKET ABOUT STEADY flts 12 1-pt bkts CA AIR med-lge 20.00-23.00 mostly 21.00 GU med 21.00

MELONS ---CANTALOUPS: MARKET LOWER 1/2 ctns GU 12s 16.00 15s 15.00-17.00 18s 15.00-17.00 23s few 17.00 HD 15s ord cond 5.00-8.00 --- HONEYDEWS: MARKET LOWER 2/3 ctns EC 5s 9.00 6s 9.00 ---MISC MELONS: OFFERINGS INSUFFICIENT TO QUOTE ---WATERMELONS: MARKET STEADY ctns per ctn FL Sangria 4s 25.00 MX Sangria 3s 33.00-35.00 4s 28.00-32.00 mostly 28.00-29.00 Red Seedless 4s 31.00-32.00 5s 31.00-32.00 6s 31.00-32.00.

NON-CITRUS FRUITS ---APPLES: MARKET STEADY REGULAR STORAGE ctns trypk ID IDExFcy Red Delicious 80s 13.50 88s 13.50 100s 13.50 NY U.S. ExFcy Mcintosh 88s 16.00 100s 16.00 WA WAExFcy Red Delicious 72s 21.00 80s 15.00-18.00 one label 19.50 88s 15.00-16.00 one label 18.50 100s one label 18.50 113s one label 17.50 125s 16.50 Golden Delicious 80s 28.00-32.00 88s 26.00 100s 19.00-22.00 mostly 20.00 113s 16.50-18.00 125s 14.00 Granny Smith 80s 18.50 88s 18.50 100s 16.50-17.00 WAFcy Red Delicious 64s 13.00 72s 12.50-13.00 80s 12.50 88s 12.50 100s 12.00-12.50 113s 11.00-12.50 125s 11.00-12.50 138s 11.00-12.50 ctns celpk NY U.S. One Mcintosh 80s 9.50 100s 9.50 120s 9.00 VT U.S. One Mcintosh 80s 9.50 100s 9.50 120s 9.00 ---APRICOTS: OFFERINGS LIGHT lugs 2 lyr CL BOAT Katy 98s 8.00-10.00 93s fr cond 7.00 108s 8.00-10.00 ---AVOCADOS: MARKET STEADY ctns 2 lyr CA Hass 48s 35.00 CL Hass 60s 35.00 ---BANANAS: 40 lb ctns IMPORT 12.25 fr qual 10.00-11.00 40 lb ctns bagged IMPORT 12.25 ctns institutional pk IMPORT petite 12.00 --- CHERRIES: OFFERINGS INSUFFICIENT TO QUOTE ---FRUITS OTHER: ctns 1 lyr CA Apple Pears Okusankechi 12s 12.00-13.00 FL Carambola - Star Fruit 25s few 12.00 30s few 12.00 ctns CA Cactus Pears 16.00 ---GRAPES: MARKET ABOUT STEADY 23 lb lugs CA Ribiers 15.00 Emperor 14.00 20-21 lb lugs bgd CA Ruby Seedless 12.00-14.00 mostly 12.00-13.00 Ribiers 12.00-13.00 20-21 lb lugs wrpd CA Red Globe 20.00-22.00 18 lb lugs bgd CL BOAT Perlette 21.00-24.00 Thompson Seedless 28.00-29.00 mostly 28.00 few hias 32.00 Flame Seedless 23.00-26.00 mostly 24.00 18 lb lugs wrpd CA Ribiers 12.00-14.00 CL BOAT Perlette 23.00-24.00 16 lb lugs wrpd CA Thompson Seedless 25.00-26.00 ---KIWIFRUIT: MARKET STEADY flts 1 lyr CA 36s 7.00 39s 6.00-7.00 ---MANGOES: OFFERINGS INSUFFICIENT TO QUOTE --- NECTARINES: OFFERINGS LIGHT lugs 2 lyr trypk CL BOAT May Grand 60 series 16.00 queen red 70s 10.00 80s 8.00 ---PAPAYA: OFFERINGS INSUFFICIENT TO QUOTE ---PEACHES: OFFERINGS LIGHT ctns 2 lyr trypk CL May Crest 52s 9.00-10.00 ---PEARS: MARKET STEADY 4/5 buctns wrpd OR U.S. One D'Anjou 70s 17.50 80s 17.50 90s 16.50 100s 15.50 120s 14.50 135s 13.50 150s 13.50 165s 12.50 Bosc 70s 20.00 80s 21.00 90s 21.00-24.00 100s 19.00-22.00 110s 18.00 120s 15.00-17.50 135s 15.50 150s 13.50 165s 13.50 WA U.S. One D'Anjou 70s 17.00 80s 17.00 90s 17.00 100s 16.00 110s 15.00 120s 15.00 --- PERSIMMONS: OFFERINGS LIGHT ctns 1 lyr CA Hachiya 20s 8.00-9.00 --- PINEAPPLES: MARKET ABOUT STEADY ctns 2 lyr CR 7s 11.00 8s 11.00 12s 12.00-13.00 14s 12.00-13.00 ctns HI AIR 6s 12.00 ---PLANTAINS: OFFERINGS INSUFFICIENT TO QUOTE --- PLUMS: OFFERINGS LIGHT 20 lb ctns CL BOAT Red Beaut 108s 14.00 lugs 2-lyr CL BOAT Red Beaut 90 series 14.00-16.00 ---POMEGRANATES: OFFERINGS INSUFFICIENT TO QUOTE ---PRUNES: OFFERINGS NONE.

Philadelphia Vegetables

Philadelphia, Pa.

Wednesday, December 29, 1993

VEGETABLES ---ARTICHOKES: MARKET LOWER ctns CA 36s 25.00 48s 25.00 sml lse 26.00 ---ASPARAGUS: MARKET STEADY 11 lb ctns/crts bchd PE 12s jbo 27.00-28.00 12s exlge 27.00-28.00 12s lge 27.00-28.00 12s std 27.00-28.00 12s sml 27.00-28.00 --- BEANS: MARKET HIGHER buctns/crts FL Round Green Type 30.00 fr cond 24.00-25.00 ---BEETS: crts bchd FL 12s 7.00-8.00 MX 12s 7.00-8.00 TX 12s 7.00-8.00 bubkts NJ 11.00-12.00 --- BROCCOLI: MARKET ABOUT STEADY ctns AZ bchd 14s 9.00-10.00 CA bchd 14s 8.00-10.00 mostly 9.00-10.00 FL bchd 14s 6.00-7.00 ---BRUSSELS SPROUTS: MARKET LOWER 25 lb ctns CA 13.00-14.00 mostly 13.00 --- CABBAGE: MARKET ABOUT STEADY 1 3/4 bucrts & 50 lb ctns FL Round Green Type med 11.00-12.00 Red Type med 10.00 NC Round Green Type med 12.00 sml 6.00-7.00 Red Type med few 12.00 TX Round Green Type med 10.00-12.00 mostly 10.00-11.00 Red Type med 10.00 50 lb sks NY Round Green Type lge 5.50-6.00 1 3/4 bucrts & 40 lb ctns FL Savoy Type med 10.00 NC Savoy Type med fr qual 6.00-7.00 ---CARROTS: MARKET ABOUT STEADY sks 48 1-lb flmbgs CA Topped med-lge 10.00-11.50 mostly 10.00-10.50 some 9.00 FL Topped med few 10.00 50 lb sks lse CA Topped jbo 9.00-11.50 mostly 9.00-10.00 FL Topped jbo few 9.00 ---CAULIFLOWER: MARKET HIGHER ctns flmwrpd AZ 12s 10.00 CA 12s 11.00-12.00 FL 16s 6.00-7.00 ---CELERY: MARKET ABOUT STEADY ctns CA 1 1/2 dz 11.00-12.00 2 dz 12.00-13.00 mostly 13.00 few hias 16.00 2 1/2 dz 12.00-16.00 mostly 13.00 one label 17.00 ctns flmbgs CA Hearts 18s 13.00 ---CHINESE CABBAGE: celcrts FL 10.00 Nappa 10.00 --- CORN-SWEET: OFFERINGS INSUFFICIENT TO QUOTE ---CUCUMBERS: MARKET LOWER WAXED UNLESS OTHERWISE STATED 1 1/9 buctns FL med 20.00-22.00 fr qual 15.00-16.00 mostly 15.00 sml 18.00 MX med fr qual few 24.00 ord qual 16.00 ---EGGPLANT: MARKET LOWER 1 1/9 buctns FL med 12.00 fr qual 10.00-12.00 lge 8.00-10.00 --- ENDIVE: MARKET ABOUT STEADY 1 1/9 buctns/crts FL 6.00-6.50 mostly 6.00 ---ESCAROLE: MARKET LOWER 1 1/9 buctns/crts FL 6.00-6.50 ---GARLIC: MARKET STEADY 30 lb ctns CA White col 30.00 super jbo 28.50 exjbo 25.50 --- GREENS: MARKET ABOUT STEADY crts bchd GA Collard 6.50-7.00 Kale 7.00 Mustard 7.00 Turnip Tops 7.00 Rape 7.00 VA Kale 4.00-5.00 mostly 4.50 ctns bchd GA Collard 24s 5.00 Kale 24s 5.00 Mustard 24s 5.50 Turnip Tops 24s 5.50 MX Swiss Chard 12s 8.00 red 12s 8.00 TX Dandelion 18s 8.00-10.00 Swiss Chard 18s 10.00 ctns lse AZ Kale red 24s fr cond 8.50 CA Kale red 24s 12.00 20 lb ctns CA Broccoli Rabe 12.00-14.00 one label 18.00-19.00 MX Broccoli Rabe fr cond 10.50 ---LETTUCE-ICEBERG: MARKET CA HIGHER, AZ ABOUT STEADY ctns AZ 24s 8.50-9.50 Wrapped 24s 9.50-10.50 CA 24s 7.50-9.50 mostly 8.00 few 7.00 Wrapped 24s 9.00 30s 8.00 --- LETTUCE-OTHER: MARKET ABOUT STEADY ctns CA Boston 24s 7.00-10.00 fr cond 6.00 Green Leaf 24s 8.00-9.00 few 9.50 ord cond 3.00-4.00 Red Leaf 24s 8.00-9.50 mostly 9.00 ord cond 3.00-4.00 FL Boston 24s 6.00 flt ctns FL Bibb 24s 7.00 ---LETTUCE-ROMAINE: MARKET ABOUT STEADY ctns AZ 24s 9.00 CA 24s 9.00-10.00 few 8.50 ord cond 3.00-4.00 FL 24s 5.00-6.00 1.3 bucrts AZ 24s 12.00 CA 24s 11.50-12.50 mostly 12.00 ---MUSHROOMS: MARKET STEADY 10 lb ctns PA lge 11.00-12.00 mostly 11.50-12.00 med 9.00-10.00 sml 10.00 4 qt bkts PA med-lge 4.75-5.00 few 4.50 sml-med 3.75-4.00 5 lb ctns PA Portobellas 12.00-13.00 3 lb ctns PA Shiitake 14.00-16.00 fr qual 13.00 few 13.50 ctns 10 12-oz trays flmwrpd PA 9.00-10.00 ---OKRA: OFFERINGS NONE --- ONIONS GREEN: MARKET HIGHER ctns bchd MX 48s 12.00 ctns bchd bulb type TX 24s 11.00-12.00 crts bchd FL Leeks 12s 11.00-12.00 ---PARSLEY: MARKET ABOUT STEADY ctns bchd CA Curly 60s 10.00 FL Curly 60s 9.00-10.00 Plain 60s 9.00-11.00 TX Curly 60s 10.00 lge ctn one label 14.00 Plain 60s 10.00-11.00 Root 12s 18.00 --- PARSNIPS: MARKET STEADY 1/2 buctns/crts NJ 10.00 ---PEAS GREEN: MARKET ABOUT STEADY 10 lb ctns per lb GU Sugar Peas .70 Sugar Snap Peas 1.20 ---PEAS OTHER: OFFERINGS NONE ---PEPPERS: MARKET ABOUT STEADY 1 1/9 buctns FL Bell Type Green exlge 10.00-12.00 few hias 14.00 lge 8.00-10.00 some 12.00 med 7.00-8.00 Mxd Red And Green med-lge 6.00-7.00 Red exlge fr qual & cond 12.00-15.00 lge fr qual & cond 10.00-12.00 med fr qual & cond 10.00 Yellow lge 22.00 MX Bell Type Green lge 12.00 med 7.00-8.00 few 10.00 ---PEPPERS OTHER: MARKET ABOUT STEADY 1/2 buctns FL Jalapeno 10.00-12.00 some 8.00 1 1/9 buctns FL Long Hot 7.00-8.00 Cubanelles lge 7.00-8.00 ---RADISHES: MARKET ABOUT STEADY ctns tpd 30 6-oz flmbgs FL Red 6.00 ctns tpd 14 1-lb flmbgs FL

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NOTE: NEW YEARS PARTY JAN. 6.

Pennsylvania Ag Prognosis Good For 1994

(Continued from Page A11)

bushels. This is 275 million bushels less than a year ago and the second lowest level of exports in 20 years.

Government payments to agriculture in the 1993-94 program year, especially to grain producers, will rise to their highest levels since 1988; the main reason will be weather disasters this past summer.

Despite sharply reduced production in 1993, excess capacity is still the major long-run problem in the crop sector of U.S. agriculture. We can no longer expect increasing exports to take away our surplus crop production.

In Pennsylvania, too little moisture during the critical growth period sharply reduced crop growth.

The 1993 harvest of corn will total about 91.2 million bushels, down 23 percent from the previous year and off 40 percent from the record crop of 152 million bushels harvested in 1985.

Pennsylvania soybean production at 10.9 million bushels will be just 2 percent lower than in 1992.

Hay supplies in the Northeast and Southeast will be tight during the 1994 feeding year because sizable quantities were fed to offset the loss of pasture during the 1993 drought.

Meat Supply Expansion

Meat supplies have increased each year in the 1990s. These supply increases have added competitive pressure to the various sectors of the industry.

Most of the recent increases in production have come from poultry and pork (Figure 2).

Beef

The midyear cattle inventory indicates that producers are expanding numbers in a very slow, conservative way. Total cattle numbers on July 1 were up just 1 percent from 1992 and 1991. Numbers have grown only 3 percent since the cyclical low was reached on July 1, 1990 (Table 1). The pace of expansion may be increasing in 1993 as the calf crop is up about 3 percent.

Favorable returns to cow-calf producers in recent years and through the next couple of years will probably encourage further expansion in beef herds. Beef cow numbers at 34 million head on July 1 were the largest for any midyear inventory since 1974.

After falling in the first half of 1993, beef supplies have been increasing and putting downward pressure on prices.

Table 1. Percentage change in red meat and poultry production from a year earlier.

ITEM	1990	1991	1992	1993 PROJECTED	1994 PROJECTED
Beef	-1	1	1		3
Pork	-3	4	8	0	0
Lamb and mutton	5	0	-4	-1	-2
Veal	-8	-6	1	-8	-2
Poultry	7	5	6	5	4
Total	1	3	5	2	4

SOURCE, Livestock and Poultry Situation and Outlook ERS, USDA

Carcass weights have been increasing, so we are getting more beef per animal.

Beef supplies in 1994 will be about 3 percent above year earlier levels. The short-term tightness in the supply of stocker cattle has supported feeder cattle prices despite recent declines in fed-cattle prices and increases in feed grain prices.

Pork

A fast pace of technological development in the hog industry has resulted in fewer farms producing record levels of pork. In the 1981-91 period the nation lost nearly 60 percent of its hog producers. The number of farms with hogs in Pennsylvania fell from 20,000 at the beginning of 1981 to 7,600 at the end of 1992.

Despite the sharp drop in operations with hogs, new records have been set in pork production in the 1991-93 period.

The September-November pig

Table 2. Changes in 1993 wholesale cheese prices and the Minnesota-Wisconsin milk price.

MONTH	CHEESE PRICE $/POUND	CHEESE PRICE CHANGE $/10 POUNDS	M-W PRICE CHANGE $/CWT
January	1 18		
February	1 16	-0 20	-0 15
March	1 21	+0 50	+0 28
April	1 37	+1 60	+1 13
May	1 39	+0 20	+0 37
June	1 32	-0 70	-0 49
July	1 24	-0 80	-0 61
August	1 22	-0 20	-0 25
September	1 35	+1 30	+0 73

SOURCE AMS USDA

(Turn to Page A14)

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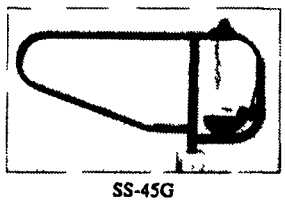
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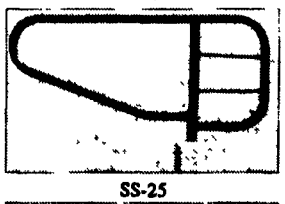
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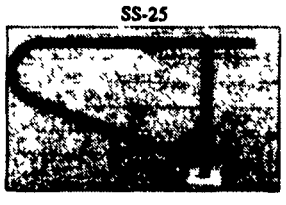

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Pennsylvania Ag Prognosis Good For 1994

(Continued from Page A13)

crop estimate showed no growth, based on the September 1993 intentions report. Producers will market only enough hogs to support first-half 1994 hog slaughter at about the same level as 1993 (Table 1).

Pork exports should increase from 1993 while imports will be unchanged. Hog prices in 1994 will average $46 to $48 per hundredweight, up slightly from the 1993 level.

Poultry

All of the 1993 increase in meat production resulted from a 5 percent increase in broiler production and a 1 percent increase in turkey output.

Strong export and domestic demand supported wholesale prices of broilers above those of a year ago, even with the sharp increase in production from 1992.

Export sales will represent about 8 percent of production in 1993 compared to less than 5 percent as recently as 1989. Exports should continue to grow in 1994 with Hong Kong being the largest overseas market.

Broiler output, after years of sharp increases, is nearly equal to beef production (Table 1).

Broiler output in 1993 will reach 22.2 billion pounds compared to 23.0 billion pounds of beef. Increased feed costs will hurt the poultry industry some in the months ahead but returns should be favorable enough to keep the industry expansion underway.

Turkey producers' returns have been less favorable than those for broiler producers in the last few years, and they have slowed their rate of expansion. Turkey output in both 1993 and 1994 is expected to be up just 1 percent annually.

Although stocks of turkeys and products are declining and exports are increasing, returns during the remainder of 1993 and in 1994 are expected to be slightly below break-even levels. Annual turkey consumption at about 18 pounds per capita has been unchanged since 1991.

Lower per capita supplies of eggs pushed prices higher in 1993 and resulted in favorable net returns for the egg industry. Feed costs will reduce returns to the egg industry in the final months of 1993 and into 1994, but returns may be high enough to encourage further expansion.

Wide Swings In Dairy

As 1993 came to a close, the dairy industry was coming to grips with wide swings in milk production, dairy product demand, and market prices.

Milk production was affected by 1993 weather, and by restructuring of the dairy industry.

Meanwhile, consumer demand for dairy products was sluggish, following the demand pattern of the U.S. economy.

Demand for fluid milk products was particularly weak. These and other events caused changes in market prices for milk and dairy products of unprecedented amounts and speed.

The impact that large and rapid cheese price movements had on 1993 milk checks can be seen in Table 2.

Since it takes about 100 pounds of milk to manufacture 10 pounds of cheese, this table compares the change in price of 10 pounds of cheese to the change in Minnesota-Wisconsin price per hundred-weight of milk.

From January through September, every time the cheese price moved, the M-W milk price moved in the same direction. Even the magnitude of a M-W milk price change was similar to the amount of a cheese price change.

(Turn to Page A15)

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This year's speakers include: Mr. Leon J. Ressler, Extension Agent Agricultural & Environment for Penn State Extension; Mr. Jerry Martin, Project Associate of Pequea Mill Creek for Penn State Extension; Mr. Walt B. Wurster, Agricultural Extension Agent for Chester County Extension; Dr. Greg D. Hanson, Associate Professor of Agricultural Economics for Penn State University; and Mr. H. Louis Moore, Professor of Agricultural Economics for Penn State University.

The bank will provide lunch. Because of limited space, we can only accomodate those persons who return the coupon at the bottom of this announcement on or before January 27, 1994. Reservations will be taken on a first come, first served basis. (No telephone reservations will be accepted.)

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IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 3200 6x16" Pull Type Auto Reset Plow $3,950
Artsway 12 Ft. 3 Pt. Chisel $1,650
JD 5B Semi-Mtd. Roll-Over Plow $4,850
JD 2700 5x16" Auto Reset Plow $4,500
JD 2500 5x16" Auto Reset On-Land Plow $2,950

CULTIPACKERS
Brillion 10' w/Big Shaft $950
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
JD 12' Packer $1,250

MISCELLANEOUS:
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Pull Type Spin Spreader $300
Several Electric Golf Carts With Chargers ..... Each $750
NH Corn Drag $275
Small John Bean Orchard Sprayer $275
JD 145 Loader $2,450

DISCS AND FIELD CULTIVATORS
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 8WF 12' Disc $1,850
JD 18' Field Finisher $1,450
JD 8WF 12' Disc $1,450
18' Wing Fold Field Cultivator S-Tines $950
JD 235 27' Wing Fold Disc $6,500
JD 6 Row RM Cultivator $750
JD 210 11' Disc, Nice $2,450

Coming In...
JD 4 Row RM Cultivator
JD 4010 Dsl. Turbo, Narrow Front, SR, Nice
New Idea 244 Tandem Axle Spreader
9' Grimm Hay Tedder
IH 800 4 Row Plate Planter, Dry Fertilizer And Monitor
JD 11 Row 15" Bean Planter
JD B 18x7 Grain Drill DD w/Grass
Taylorway 20' Hyd. Feld (narrow) Field Cultivator, Tine Harrow

HAY & FORAGE EQUIPMENT:
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
Owatonna 320 Stacker $1,550
NH 495 12' Haybine $4,850
Side Mtd. Hydraulic Drive Highway Mower $1,250
JD 3 Row Row Crop Attch. 30" For Harvester $4,450
NH 770 Harvester With 2 Row Wide Corn Head And Pickup $4,450
IH 430 Baler w/Thrower
JD 35 Harvester With Pickup Wheel Rake $425
Hesston PT 10 Haybine $950
JD 2 Row 30" Row Crop Attch. For Harvester
JD 3950 Harvester, Sharp
JD 1209 Mower Conditioner $1,650
JD 346 Baler w/#30 Ejector $5,850
NI 402 Rake $850
Hesston 1014 12' Hydro Swing Mower Conditioner $4,250
Wooden Bale Body w/Gear $855
MC Flail Chopper, Like New $1,575
JD 35 Harvester, 540 PTO w/1 Row Row Crop $1,550

ROW CROP CULTIVATORS & ROTARY HOES
JD 8 Ft. 3 Pt. Rotary Hoe $650
JD 12 Ft. 3 Pt. Rotary Hoe $950

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
JD #343 3 Row 30" Corn Head $3,650
JD 653 6 Row 30" Bean Head $2,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice
JD 4400 Dsl. Combine, New Engine

PLANTERS & GRAIN DRILLS:
JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 8300 21x7 DD Drill $3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice $1,150
MF #43 21x7 Plain Grain Drill $1,050
IH 400 4 Row Air Planter $1,250
JD 7000 6 Row No-Til Planter, Dry Fertilizer $7,450
JD 23x7 DD Drill w/Press Attch. $4,850

ROLLER HARROWS AND CULTIMULCHERS
IH #315 12' Roller Harrow $2,850
Brillion 15' Cultimulcher $3,650
IH 315 12' Roller Harrow

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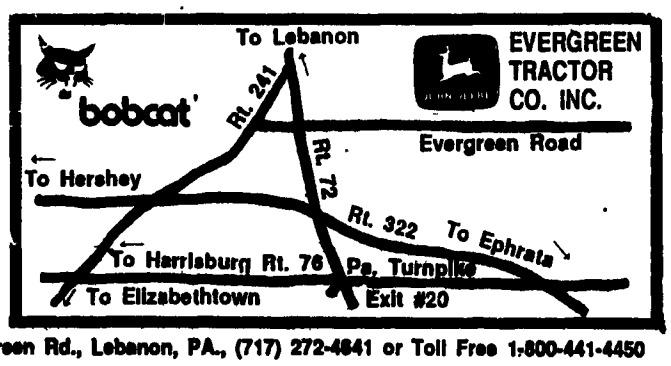

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Pennsylvania Ag Prognosis Good For 1994

(Continued from Page A14)

One reason for the recent jump in cheese prices was sluggish milk production, especially in the upper Midwest states.

Wisconsin milk production was 4 to 6 percent below last year in recent months. Meanwhile, milk production in many other states showed some growth — Southwestern states increased milk production more than 5 percent above last year's production levels.

Conditions around the country in general are favorable for milk production to show some increases this winter and into next spring.

Although milk prices may stabilize and may even increase due to a strong cheese market in late 1993, milk prices will start downward early in the new year. How far prices fall depends on milk production growth and consumer demand for dairy products.

Grain prices and the quantity and quality of forages later this winter are major factors in how much milk production will increase early in the new year.

On the consumer side, the strength of the U.S. economy is important, but even more meaningful are consumer attitudes toward milk and dairy products.

Continued Belt Tightening

Pennsylvania agricultural prospects for the new year appear promising.

The key word is competition, of which there is more with the passage of each year. Increased competition adds risk to the farm income equation, and farmers react by specializing and producing more.

The changing weather patterns have also injected more risk into farming. Tightening the belt and moving forward will likely sum up the financial side of agriculture next year.

Getting behind on feed bills was a key problem in financial liquidity for dairy farmers during 1993. The decline in the 1993 corn crop could increase financial problems in 1994.

Interest And Investment Increase

The interest bill to commonwealth farmers has declined by more than 20 percent since 1988, a drop of $50 million.

That trend will stabilize in 1994 and, as the economy slowly improves, farmers can expect interest rates to inch up as much as 1 percentage point by the end of 1994.

The big ticket item in 1994 will likely be expansion and/or modernization of livestock facilities.

Farmers are increasingly facing an economic environment of tight profit margins. They have few alternatives. They can cut costs more, increase profit per unit produced, and/or produce more units of farm product.

Dairy farmers, for instance, probably will reason that a profit of $500 per cow on 40 cows adds up to $20,000 annual income. The same profit of $500 per cow on 60 cows adds up to a more comfortable annual income of $30,000.

Pennsylvania farmers will continue analyzing where the money is made in their operations and expanding the profitable parts.

Lenders are facing heavy regulatory pressures. Their inability to fund some farmer plans could hold back intended investment in the new year. They will tend to be fund investment plans that focus on high-profit centers.

Federal policies are simultaneously putting more risk on the shoulders of Pennsylvania farmers, and injecting more outside competition.

That is bad news for those who have a tough time controlling their costs.

Farmers can do virtually nothing to reverse these two important trends. The silver lining is that the present market orientation of federal farm policies is making farmers highly competitive on world markets.

On the competition front, GATT (the General Agreement on Tariffs and Trade) and NAFTA (the North American Free Trade Act) will eventually be enacted — in some form.

The long-run gains from "freer" trade will occur as markets become larger.

The problem for the individual farmer is survival until the long-run gains begin. One survival method is tight control of costs.

The five leading cost components in Pennsylvania during 1992, in millions of dollars, were feed ($680); fertilizer- chemical-fuel ($380); labor ($350); repairs ($230); and interest ($180).

Labor and repairs will likely increase 2 to 3 percent in the year ahead, but the other leading expense categories will continue to decline and to keep Pennsylvania farmers highly competitive.

Summary

Gross farm income could eclipse the old record of $4 billion and reach $4.1 to $4.2 billion during 1994.

A strong performance is in store for farm production, given favorable growing conditions, high quality feed production, and stable to slightly higher commodity prices for dairy, swine, and specialty crops (vegetable and horticulture).

All-in-all, 1994 probably will be highly challenging to farmers facing tough competitive markets, and rewarding to those successfully meeting the cost-control imperative of 1990s agriculture.

The best news in the economic outlook for grain products is that inventories of most crops are not hanging over the markets. Farmers in Pennsylvania face an interest-rate environment that permits solid modernization plans to "pencil-out" in 1994. Off-farm income sources will be essential on most farms.

This forecast does not translate into an agricultural boom, but with continued tight cost-control, farmers in Pennsylvania will experience income gains during 1994.

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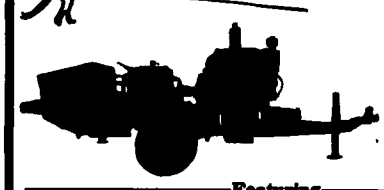

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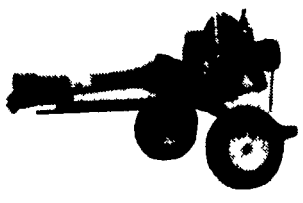

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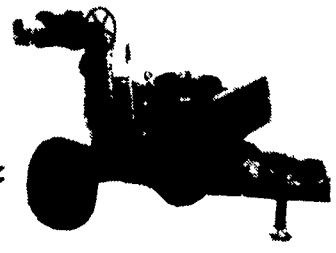

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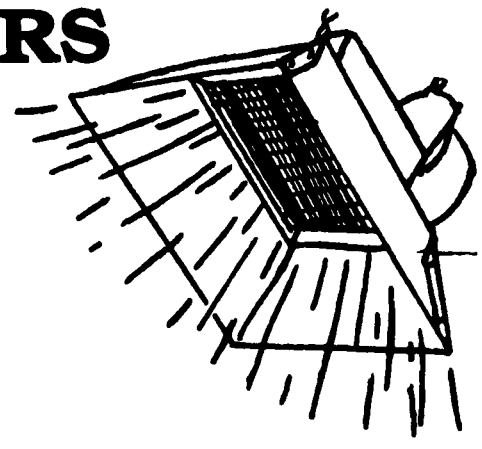

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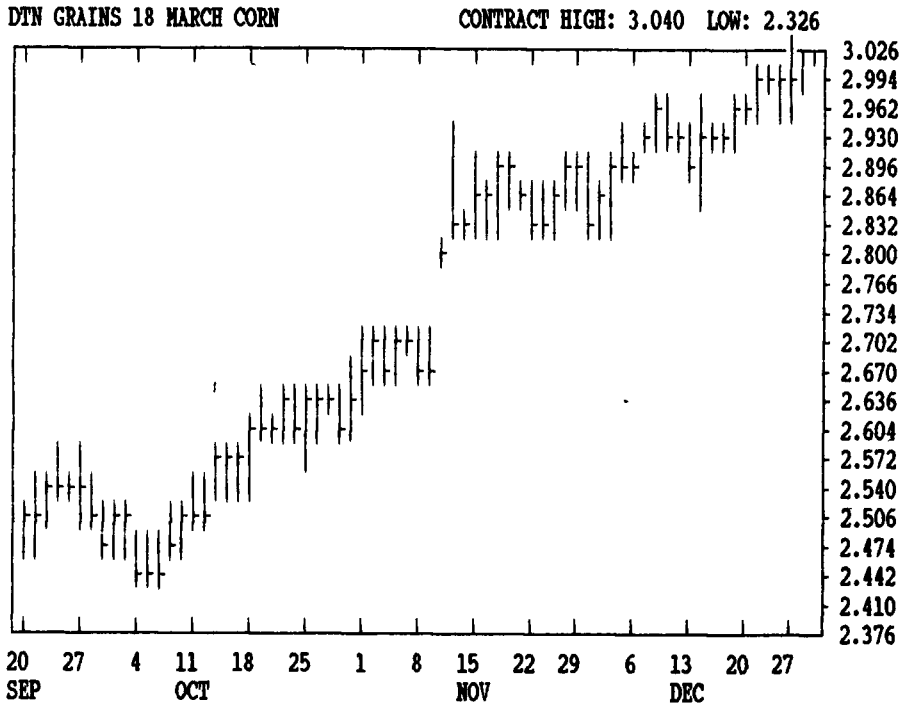
GRAIN, CATTLE AND HOG FUTURES MARKETS

(Closing bids: Wednesday, December 29, 1993)

DTN GRAINS 18 MARCH CORN CONTRACT HIGH: 3.040 LOW: 2.326



DTN FUTURES 14 12/29/93 TECHNICAL POINTS

PRICES ARE DECIMAL			MOVING AVERAGES				RSI'S			SLOW STOCHASTIC 5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	MAR	378.75	374.44	373.00	368.47	353.06	80.2	76.0	69.4	78	70	94	93
WHEAT	MAY	359.50	357.50	354.53	348.28	336.69	86.9	80.8	70.4	89	90	97	96
KCWHT	MAR	391.50	389.56	386.03	377.82	357.87	87.5	83.1	75.4	95	88	96	95
KCWHT	MAY	367.25	364.50	360.31	353.08	338.42	85.9	81.8	73.9	96	87	94	94
MNWHT	MAR	405.25	402.12	400.47	393.11	368.84	78.7	76.1	71.1	78	71	93	94
CORN	MAR	303.75	301.81	299.39	296.42	285.93	80.2	76.2	70.2	93	90	97	96
CORN	MAY	306.75	304.69	302.19	299.07	288.83	79.6	76.1	70.4	94	90	97	96
OATS	MAR	137.00	137.56	136.33	136.85	138.43	49.9	48.1	46.5	79	84	62	45
BEANS	JAN	700.50	699.75	693.19	687.40	672.70	71.5	67.7	60.7	80	81	90	88
BEANS	MAR	709.00	707.87	700.94	694.65	679.27	73.0	68.8	61.4	82	82	90	88
BEANS	MAY	711.50	710.69	703.31	696.67	681.72	73.5	69.2	61.5	82	83	91	90
MEAL	JAN	203.60	202.77	200.52	201.70	202.22	62.6	56.6	52.1	90	88	51	30
BNOIL	JAN	29.31	29.19	28.86	28.03	26.28	79.0	76.5	70.4	71	72	90	92
CATTLE	FEB	72.92	72.98	73.47	73.31	73.76	42.3	43.8	44.5	12	11	39	55
CATTLE	APR	75.20	75.25	75.55	75.50	75.78	43.2	44.6	45.8	18	19	46	56
FCTL	JAN	82.72	82.58	82.89	82.72	82.81	50.3	49.9	47.7	19	15	61	73
HOGS	FEB	44.85	45.12	45.45	46.01	47.24	28.1	31.3	38.9	24	24	9	9
HOGS	APR	46.20	46.36	46.43	46.68	47.12	36.6	39.8	46.4	42	42	21	24
PKBLS	FEB	56.67	56.41	55.20	54.35	55.01	69.3	61.9	55.6	90	92	94	84

DTN FUTURES 02 12/30/93 DELAYED COMMODITY QUOTES 06:23 central time

CORN

	HIGH	LOW	LAST	CHG
MAR	3040	3020	3036*	+10
MAY	3070	3046	3066*	+12
JLY	3060	3040	3056*	+10
SEP	2870	2852	2870*	+10
DEC	2700	2682	2696*	+4
MAR	2754	2740	2752*	+4
MAY	2782	2774	2782*	+2
JLY	2784	2770	2784*	+6
SEP				0

SOYBEANS

JAN	7024	6984	7004*	-2
MAR	7104	7066	7090*	0
MAY	7136	7094	7114*	-6
JLY	7142	7102	7114*	-12
AUG	7072	7042	7052*	-10
SEP	6744	6734	6742*	-6
NOV	6490	6470	6476*	-6
JAN	6540	6520	6534*	-4
MAR	6564	6564	6564*	-20
NOV	6224	6220	6224*	0

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAR	3796	3746	3786*	+44
MAY	3594	3570	3594*	+24
JLY	3484	3442	3480*	+32
SEP	3510	3464	3494*	+40
DEC	3570	3542	3570*	+22
MAR				0

OATS

MAR	1380	1364	1370*	-10
MAY	1424	1412	1414*	-10
JLY	1460	1450	1452*	-10
SEP	1484	1476	1480*	-4

SOYBEAN MEAL

JAN	2038	2033	2036*	+3
MAR	2040	2034	2035*	-3
MAY	2047	2041	2041*	-3
JLY	2052	2046	2047*	-4
AUG	2040	2035	2038*	-1
SEP	2018	2010	2011*	-4
OCT	1985	1982	1985*	0
DEC	1976	1972	1975*	0

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAR	3914	3894	3914*	+6
MAY	3676	3472	3672*	+12
JLY	3474	3442	3472*	+26
SEP	3480	3446	3480*	+26
DEC			3520*	+24

MINN WHEAT

MAR	4054	4024	4052*	+32
MAY	3814	3786	3814*	+12
JLY	3644	3624	3650*	+16
SEP	3520	3494	3524*	+20
DEC			3550*	0

SOYBEAN OIL

JAN	2943	2905	2931*	+18
MAR	2936	2897	2926*	+17
MAY	2889	2857	2879*	+14
JLY	2827	2795	2825*	+18
AUG	2765	2739	2761*	+12
SEP	2675	2655	2660*	+15
OCT	2590	2575	2578*	-2
DEC	2535	2517	2523*	-4

LIVE CATTLE

	HIGH	LOW	LAST	CHG
FEB	7315	7250	7292*	+25
APR	7525	7480	7520*	+27
JUN	7370	7315	7367*	+42
AUG	7265	7215	7262*	+37
OCT	7275	7235	7270*	+37
DEC	7345	7305	7345*	+30
FEB	7330	7325	7330*	+20
APR				0

SWISS FRANC

MAR	6942	6770	6787*	-148
JUN	6905	6775	6783*	-149
SEP	6855	6789	6789*	-150

BRITISH POUND

MAR	15022	14656	14686*	-336
JUN	14850	14600	14626*	-336
SEP		14570	14582*	-336

JAPANESE YEN

MAR	8996	8962	8968*	-33
JUN	9022	9002	9008*	-33
SEP	9072	9070	9058*	-33

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8280	8230	8272*	+45
MAR	8082	8015	8077*	+50
APR	8005	7950	7997*	+47
MAY	7980	7927	7972*	+45
AUG	8090	8045	8070*	+32
SEP	8015	8005	8010*	+30
OCT	7990	7960	7980*	+30
NOV	8015	8010	8010*	+30

CANADIAN DOLLAR

MAR	7505	7485	7490*	-13
JUN	7488	7474	7481*	-12
SEP	7480	7475	7475*	-11

US DOLLAR INDEX

MAR	9706	9701	9710a	-12
JUN			9770a	-17

S&P 500 INDEX

MAR	47275	47050	47165*	-25
JUN	47380	47160	47270*	-30
SEP	47490	47300	47390*	-20
DEC	47620	47450	47550*	0

LIVE HOGS

	HIGH	LOW	LAST	CHG
FEB	4517	4462	4485*	0
APR	4635	4600	4620*	-2
JUN	5250	5205	5207*	-40
JLY	5275	5235	5245*	-22
AUG	5160	5120	5137*	-20
OCT	4805	4760	4765*	-10
DEC	4915	4895	4915*	+5
FEB	4915	4895	4895*	-25

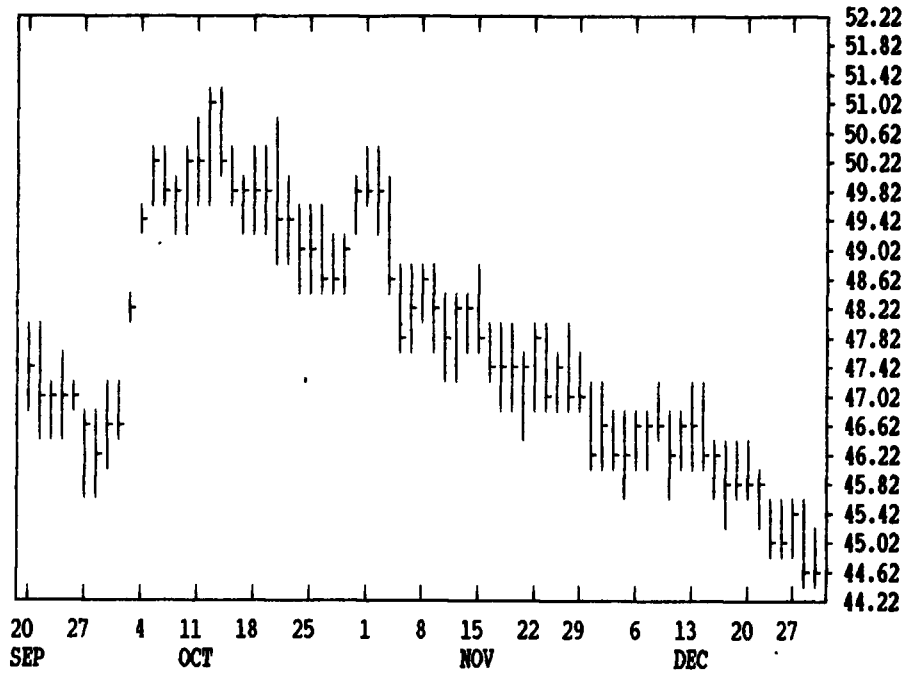
PORK BELLIES

FEB	5700	5615	5667*	+5
MAR	5735	5650	5707*	+15
MAY	5870	5750	5850*	+57
JLY	5885	5785	5870*	+60
AUG	5660	5605	5660*	+35
FEB				0

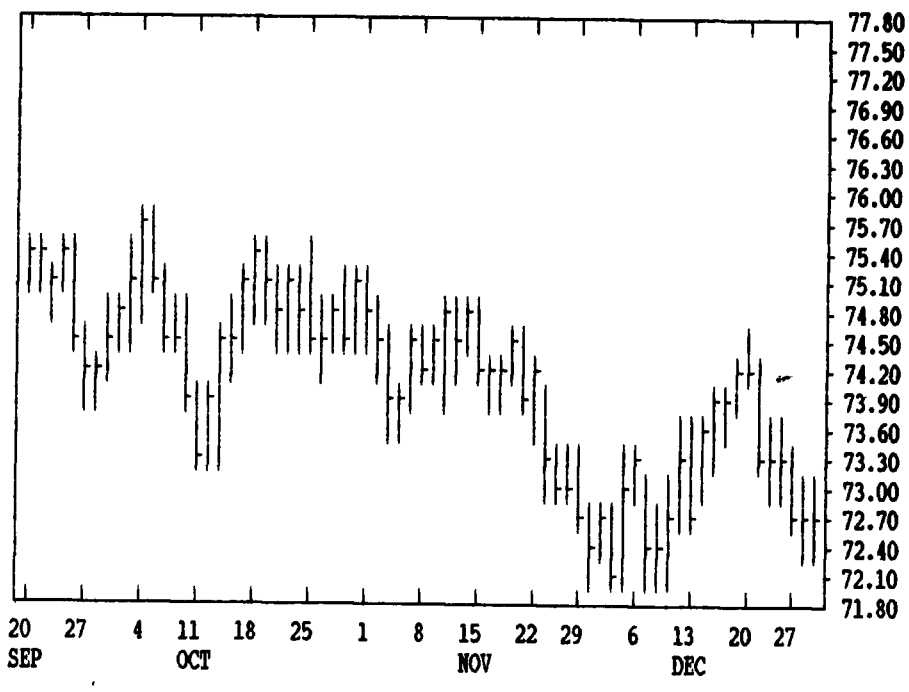
GERMAN MARK

MAR	5850	5748	5754*	-97
JUN	5774	5720	5725*	-97
SEP		5707	5707*	-97
DEC				0

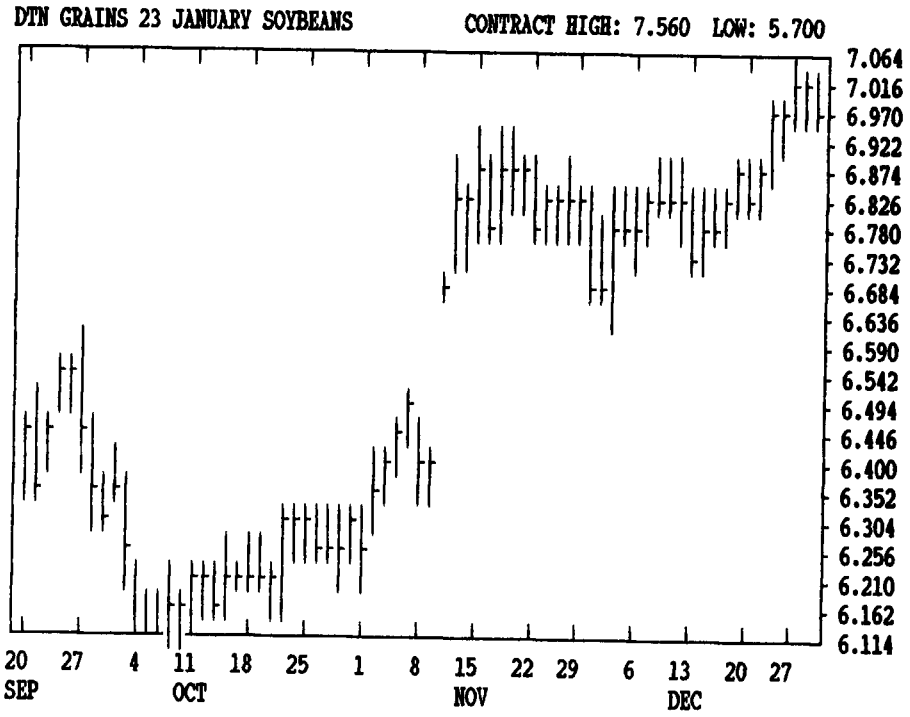
DTN LIVESTOCK 18 FEBRUARY LIVE HOGS



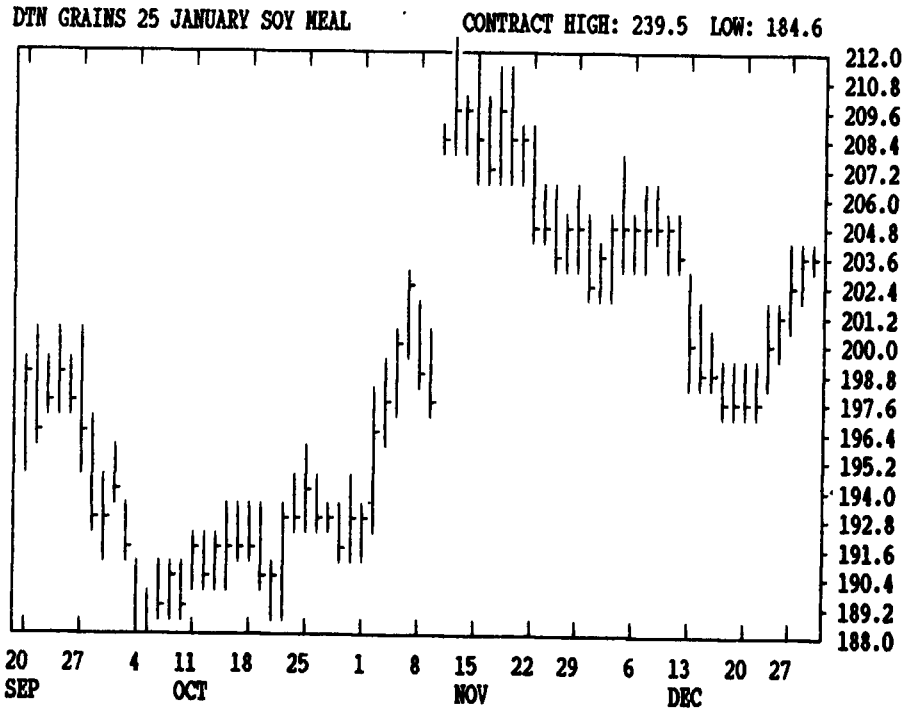
DTN LIVESTOCK 19 FEBRUARY LIVE CATTLE



DTN GRAINS 23 JANUARY SOYBEANS CONTRACT HIGH: 7.560 LOW: 5.700



DTN GRAINS 25 JANUARY SOY MEAL CONTRACT HIGH: 239.5 LOW: 184.6



Lamb Video Program Set

LANCASTER (Lancaster Co.) — The Lancaster County Sheep and Wool Grower's Association and Penn State Cooperative Extension present *"Lambing Time Management,"* featuring Dr. Don Bailey with Dr. Woody Lane.

This program is an outstanding series of videos with step-by-step instructions on all the critical procedures that you need to know during lambing season. This is when many questions often arise.

The program will be presented at 7:30 p.m. on the following three dates:

• January 18 — Tape #1 *"The Pre-Lambing Period"* covers abortions, vaccinations, nutrition, mahagement tips, prolapse, and worming (51 minutes).

• January 24 — Tape #2 *"Lambing"* covers sheep obstetries, difficult births (malpresentations), unassisted lambing, and reviving newborn lambs in distress (48 minutes).

• January 31 — Tape #3 *The Post-Lambing Period"* includes clip dip and strip, correcting teeth, tubing, caring for chilled lambs, docking and castration, mastitis, entropion, and nutrition (37 minutes).

For more information, call (717) 394-6851.

SDFC Presents Quality Award

SENECA FALLS, N.Y. — This year's winner of Syracuse Dairy Farmers Cooperative's "Outstanding Quality Award" was Tamara Crego of Baldwinsville, New York.

This award is presented annually to the member of the cooperative who has scored highest for milk quality during the past year. The award was presented to Ms. Crego at the Syracuse Dairy Farmers annual meeting.

James Patsos, president of United Ag Services, sponosr of the award, commended Ms. Crego and all members of Syracuse Dairy Farmers for their continued production of quality milk.

Second place award went to Jonalpa Farms of Baldwinsville. Jonalpa Farms is a regular contender for the quality award.

Syracuse Dairy Farmers Cooperative is located in Onondaga County. Their members have been long recognized for producing quality milk. As a result of their commitment to quality, Byrne Dairy Farms of Syracuse has recently signed a long term contract to purchase their milk.

United Ag Services annually provides quality awards to the top producers in their member cooperatives. United Ag Services provides quality control, accounting, marketing, payroll, and management services for small to medium size agricultural organizations.

For more information contact United Age Services, at 12 North Park Street, Seneca Falls, New York 13148, or phone (315) 568-2750.

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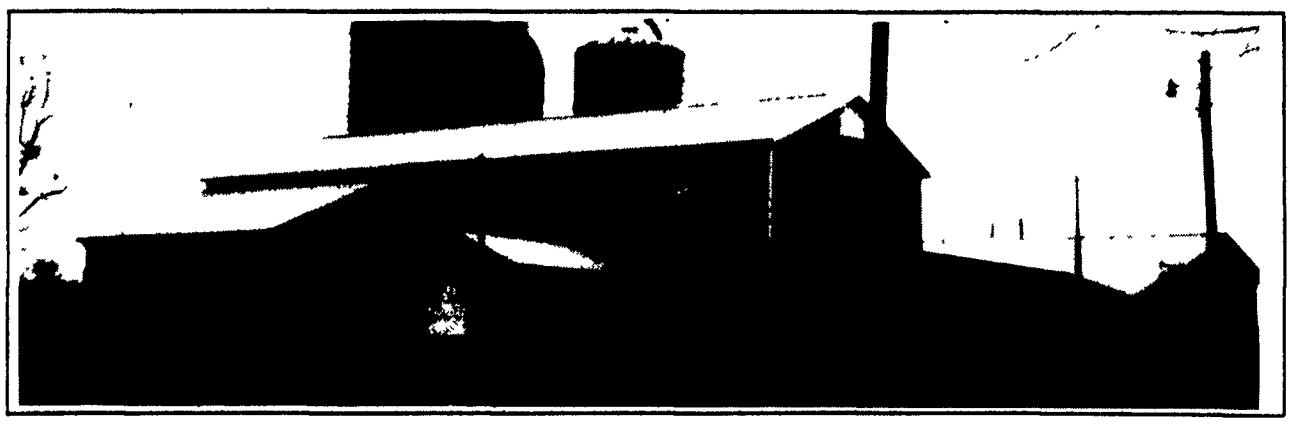

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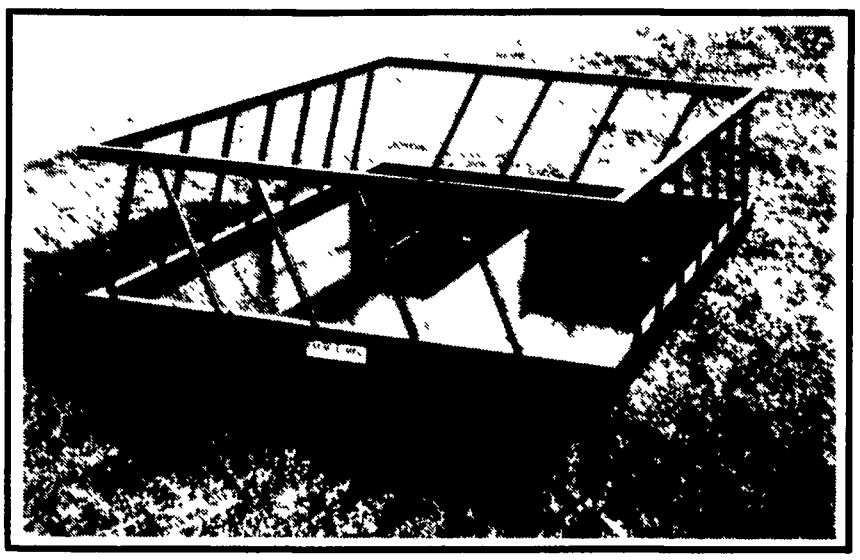

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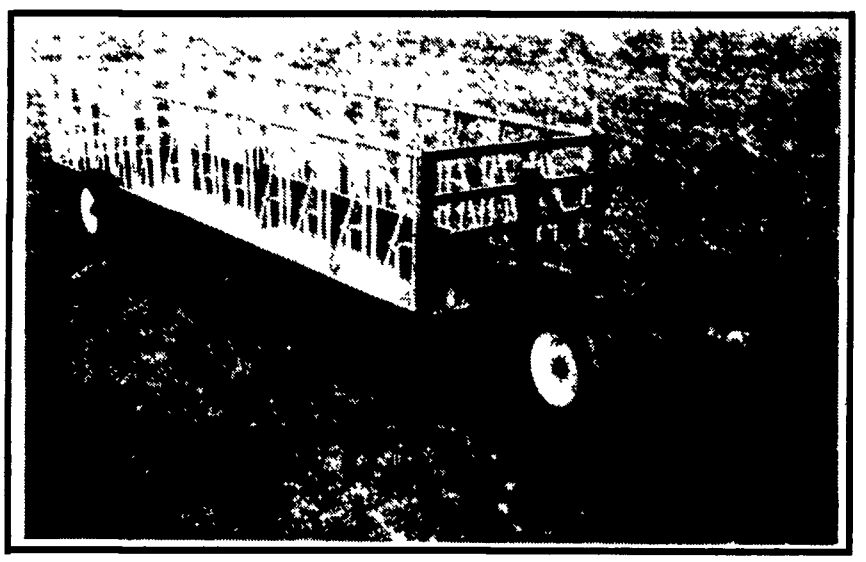

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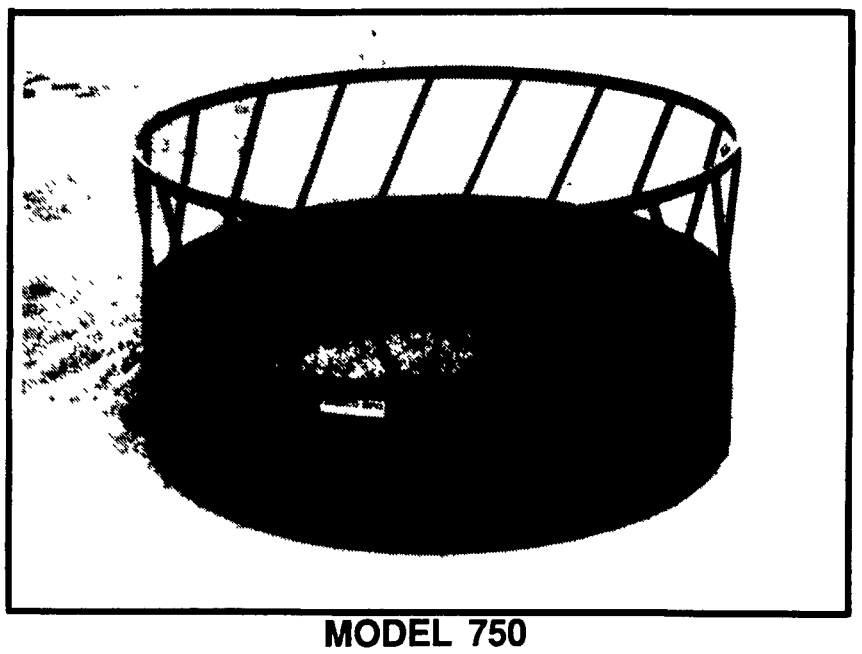

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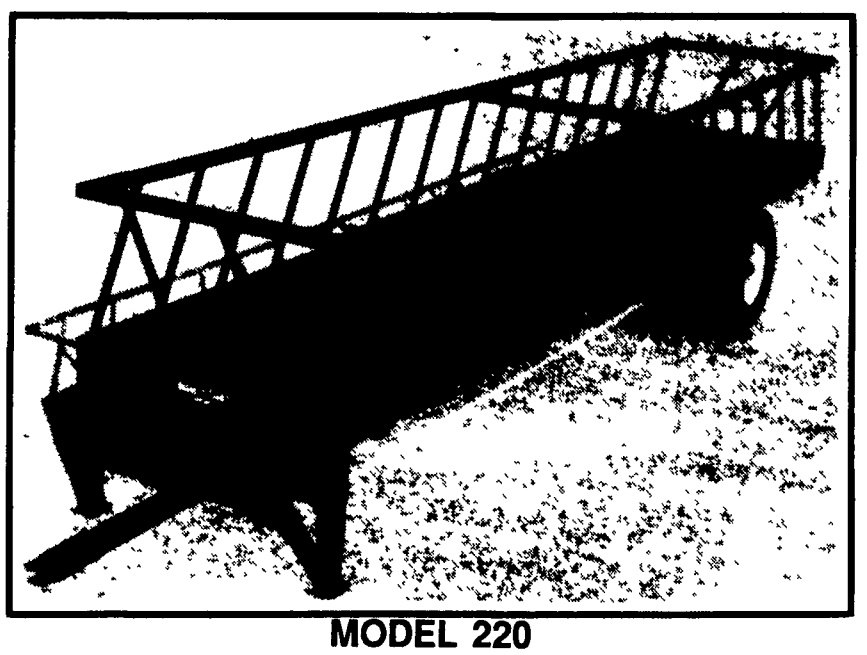

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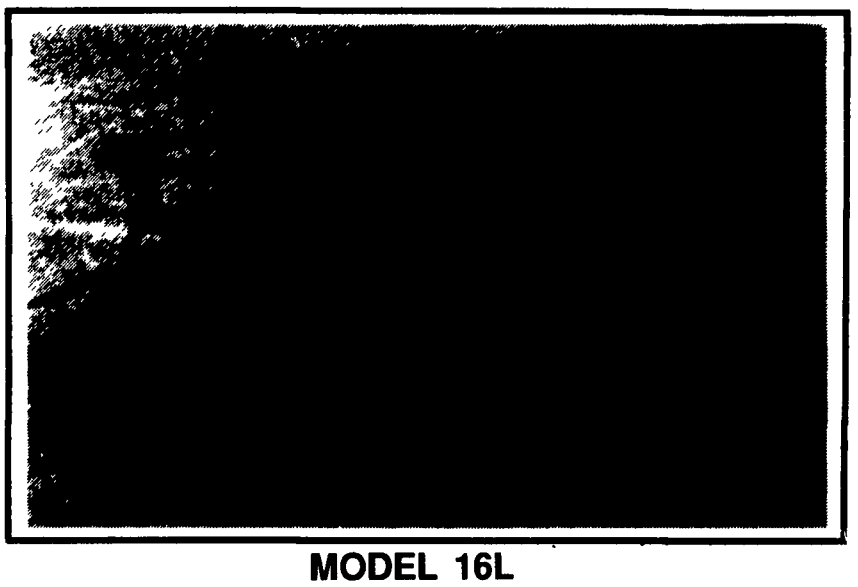

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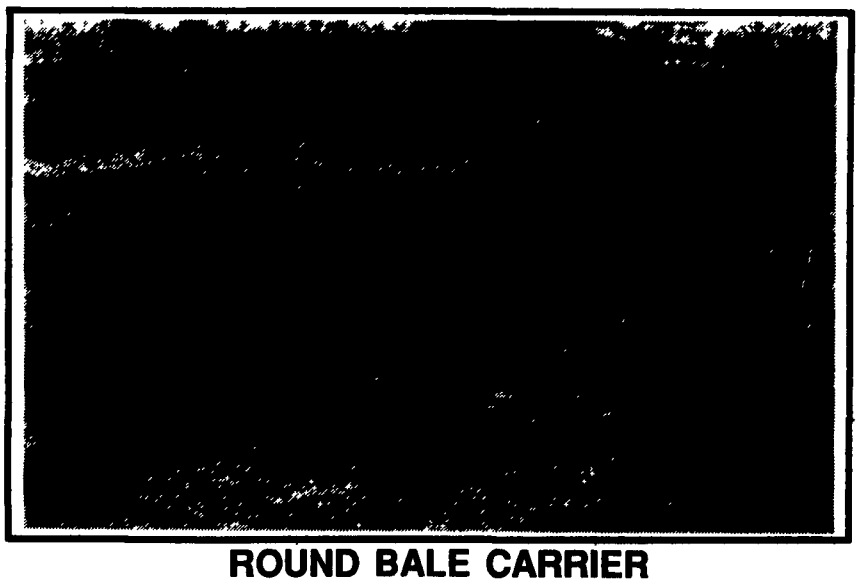

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More Farmland Preserved

HARRISBURG (Dauphin Co.) — The Pennsylvania Agricultural Land Preservation Board has approved easement purchases for 24 farms in 13 counties, protecting 2,947 acres of prime farmland from development.

"We're closing out a very successful year for the farmland protection program," said state Agriculture Secretary and Board Chairman Boyd E. Wolff. "More counties are protecting an increasing number of farms."

Under the Farmland Protection Program, which began in 1989, the state and counties purchase development rights to guarantee that their farms will remain as agricultural land. Individual landowners apply to county Agricultural Land Preservation Boards.

If approved for possible easement purchase, the county boards may request state funding participation. Counties may participate jointly with the state in easement purchases or may purchase easements outright themselves.

Today's meeting also represents the first time that board-approved easements will be funded by state cigarette tax revenue. Revenue set aside for farmland preservation was included in Act 22 of 1991. Based upon a tax of two cents on every pack of cigarettes sold in the Commonwealth, the tax is projected to generate $22 million annually.

Cigarette tax revenue is transferred to the farmland protection program twice per year, in January and July. Some of the easements approved for purchase at today's meeting will be funded with July cigarette tax revenue.

Following are the properties approved, listed by county, owner, township, acreage and purchase cost:

- Berks — Clarence D. and Esther L. Gelsinger, Heidelberg Township, 125 acres, $249,680.
- Berks — Roy O. and Gloria M. Christman, Marion Township, 239 acres, $452,200.
- Berks — Paul R. and Verna M. Christman Farm #2, Perry Township, 118 acres, $223,744.
- Berks — Richard and Kay Kerper, Richmond Township, 74 acres, $148,820.
- Berks — Omar A. Kurtz, Oley Township, 127 acres, $253,320.
- Berks — Paul R. and Verna M. Christman Farm #1, Perry Township, 110 acres, $187,748.
- Berks — Thun Farm #2, Lower Heidelberg Township, 120 acres, $242,975.
- Berks — Thun Farm #1 (Louis Thun Trust Farm), 63 acres, $126,000.
- Chester — Aaron S. and Miriam S. King, Honey Brook Township, 38 acres, $123,981.
- Chester — E. Robert and Betty L. Piefer, Londonderry Township, 133 acres, $245,573.
- Cumberland — Richard G. and Shelva J. Mains Farm #2, Penn Township, 211 acres, $397,102.
- Dauphin — Blair R. and Marie O. Enders, Jackson Township, 143 acres, $191,321.
- Dauphin — Willard and Janice Schlegel, Upper Paxton Township, 98 acres, $118,629.
- Lehigh — Clayton P. and Geraldine V. Kerschner, Heidelberg Township, 135 acres, $270,869.
- Lehigh — Forrest A. Sr. and Grace O. Wessner, Heidelberg Township, 75 acres, $142,714.
- Lycoming — Robert Steppe, Limestone Township, 103 acres, $108,000.
- Mercer — John L. Friede, Delaware Township, 111 acres, $22,152.
- Montgomery — Wilmer F. and Millie M. Alderfer, Limerick Township, 53 acres, $363,732.
- Schuylkill — Lyndon Hepler, Eldred Township-, 89 acres, $89,400.
- Union — John R. and Mabel J. Walter, East Buffalo Township, 94 acres, $98,815.
- Union — Donald B. and Ruth E. Spangler, Limestone Township, 126 acres, $113,283.
- Wayne — Clarence and Lois Fitze, Clinton Township, 167 acres, $186,637.
- Westmoreland — Donald C. and Judith Fretts, East Huntingdon Township, 69 acres, $126,979.
- York — Barley's Star Rock Farm, East [illegible] Township, 326 acres, $549,290.

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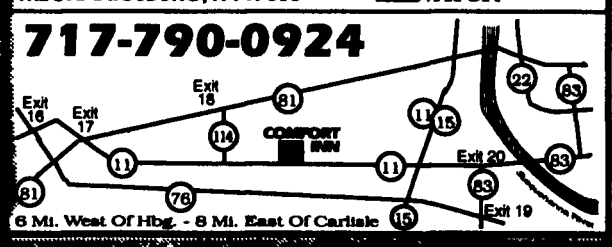

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Another Chance At A Championship

(Continued from Page A1)

bers," said Tina. "I'm an older member, so we have some pigs at a meeting that we show the younger members, and provide help on how to show pigs. Throughout all the fairs I've gone to I've learned to get better."

Tina said others helped her along the way.

The first year in 4-H, the leaders helped new members select pigs, but from then on, "we just always did it ourselves," said Tina. She also said she entered contests as an FFA livestock judge, which helped her fine-tune her judging abilities.

Tina uses those abilities to select potential champions. At the Umbrell farm, she helps wean and feed the hogs and keeps farm records. To select the show animals, Tina said she and Matt went into the nursery and picked out four of the best pigs.

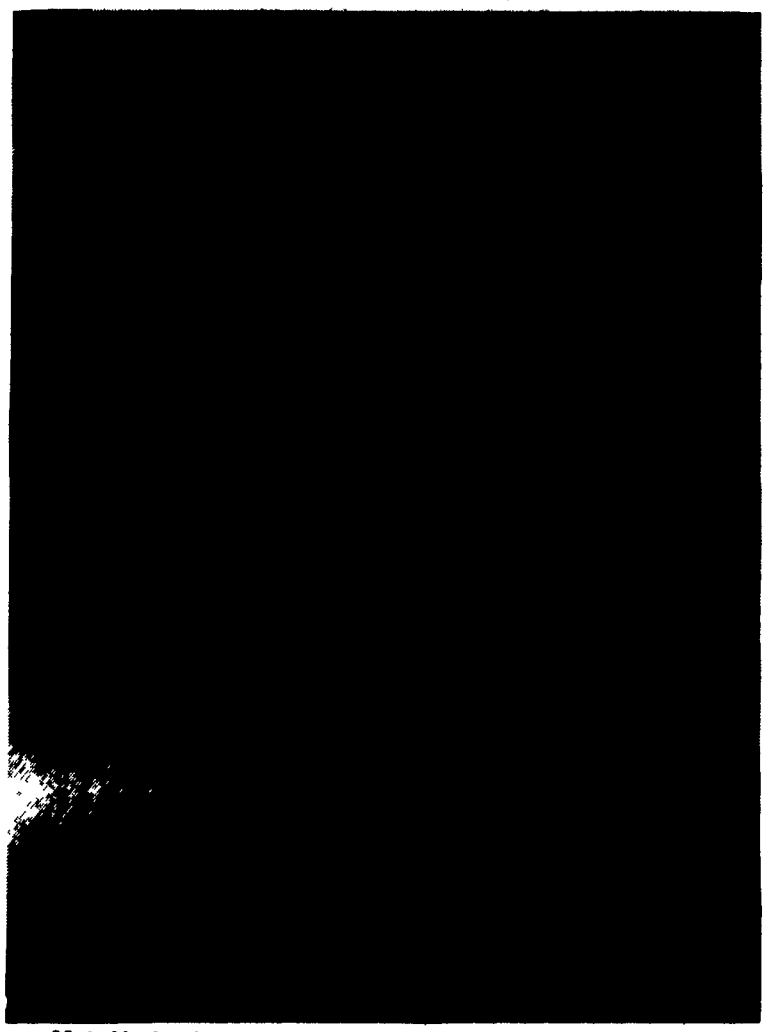
There are certain characteristics to look for in a pig.

"You can tell to a certain extent how the pigs are going to look when they are 200-250 pounds," she said. "You don't want a scrawny pig. You look for a nice bone structure, and you look for muscling throughout the shoulder and the ham."

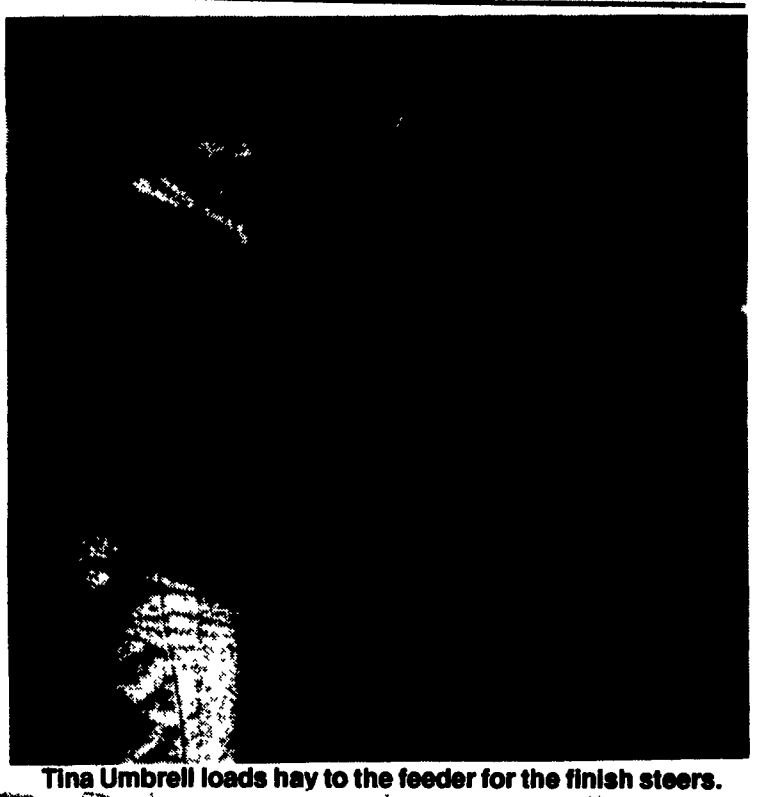
Also, a potential champion should be lengthy and not "sway-backed," she said.

Tina, in addition to helping on the 1,400-head pig farm that is under contract with White Oak Mills, works part-time as a nurse's assistant at the Masonic Homes.

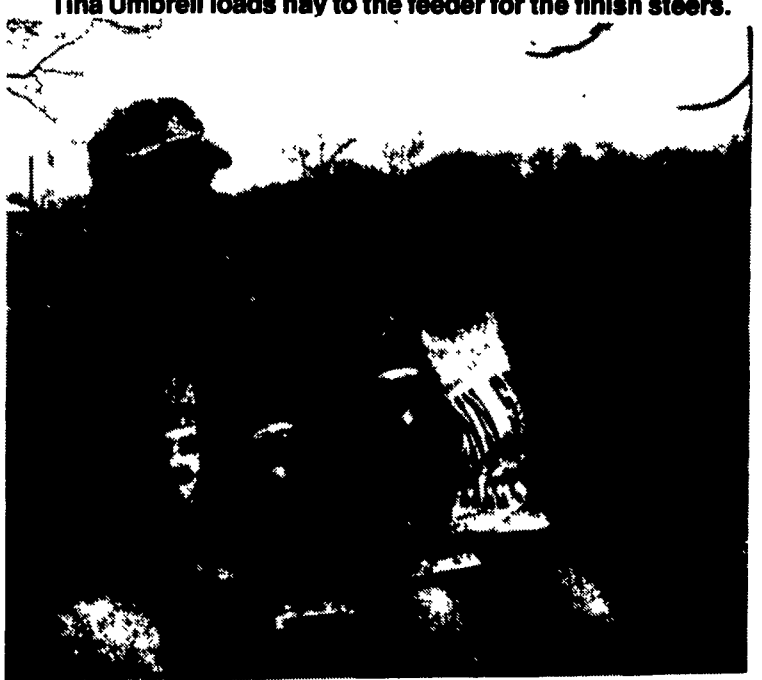
Matt helps his father take care of about 110 head of finish steers and helps out when he can with the family's hog operation.



Matt Umbrell cleans the self-feeder for his show hogs at the farm.



Tina Umbrell loads hay to the feeder for the finish steers.



Matt, left and Tina Umbrell show some of the trophies during years past at the Elizabethtown and Manheim Fairs. With them is their dog, Bear.

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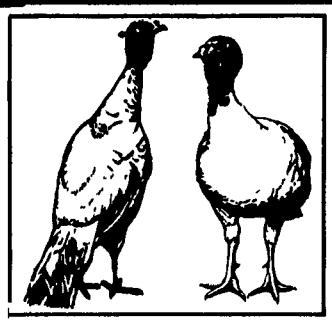

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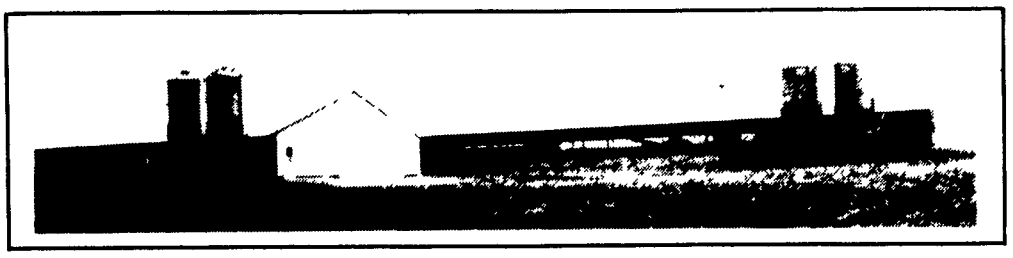

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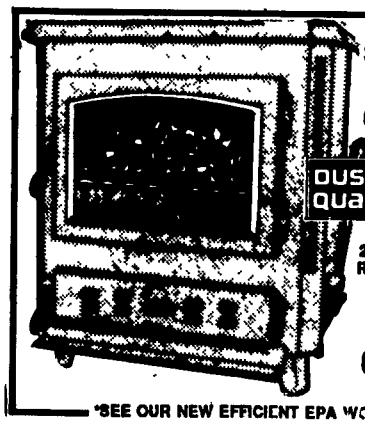

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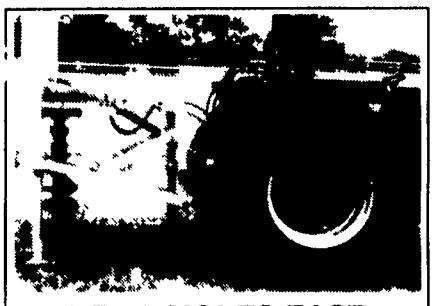

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1993: A Year To Challenge Understanding

(Continued from Page A1)

Then during the summer, some areas of the state didn't receive enough rainfall for corn and some other crops to reach potential.

Medically, 1993 was historic for the life-saving operation performed on state Gov. Robert Casey.

Casey, who appeared palid and wobbled at his podium during a June 1 press conference to publicize his May 22 signing of the Nutrient Management Act, became the first governor to receive a heart and liver transplant.

Within two weeks of the mock-signing held at a Middletown dairy farm, the governor was in Pittsburgh receiving the heart and liver of a young man who had been beaten to death.

Gov. Casey went into the hospital on June 11 and had the surgery on June 14.

And, on Dec. 21 Casey returned to office, though still under constant medical care and testing.

That alone, in most previous years, may have been held as the most significant event.

But there were other significant events.

On June 22, U.S. Secretary of Agriculture Mike Espy, in conjunction with the U.S. Senate Agriculture Committee, headed by Sen. Patrick Leahy, D-Vt., held an unprecedented national dairy conference at the York County Fairgrounds.

The attempt was to determine what consensus of opinion may be within the dairy industry, as far as national policies.

The dairy industry appeared as divided as ever on which route to take to prevent the loss of the family dairy farm operation, make milk pricing more fair to the producer, and retain a producer's own decision-making independence.

However, most all in attendance said they considered the effort worthwhile.

And, milk marketing has changed. There is now Class III pricing to fit in with Class I and Class II, in order to arrive at a better blend price, more reflective of the uses of milk.

In August, the National Dairy Promotion and Research Board was reaffirmed by U.S. dairymen as an effective tool to support the marketing and sale of milk and milk products, despite a small, but vocal group of opponents based in the Midwest (The group formed in opposition to BST and called for the demise of the National Dairy Board because it used dairy farmer funds to attempt to educate the public on the safety of milk, whether or not supplemental BST has been used.)

The situation of the national Dairy Herd Improvement Association and its affiliates has changed greatly. State borders no longer apply. Data processing centers in the East are serving dairy operations in the West.

And laptop computers are commonplace in dairy barns.

Also, on July 31, in Madison, Wisc., the National DHIA and Holstein Association held its first joint session to consider ways to make the services better.

Wetlands issues and water issues garnered more public attention this past year.

Recently, a U.S. judge in the Western Pennsylvania District ruled in favor of an Erie County farmer who had been battling the Environmental Protection Agency to continue wetlands conversion on his farm that his father began under the approval and support of the U.S. Department of Agriculture more than 20 years ago.

While that decision is still open to appeal by the federal government, and its potential application to other cases may be very limited, some politicians, such as U.S. Congressman Tom Ridge, R-Erie, are calling for more changes.

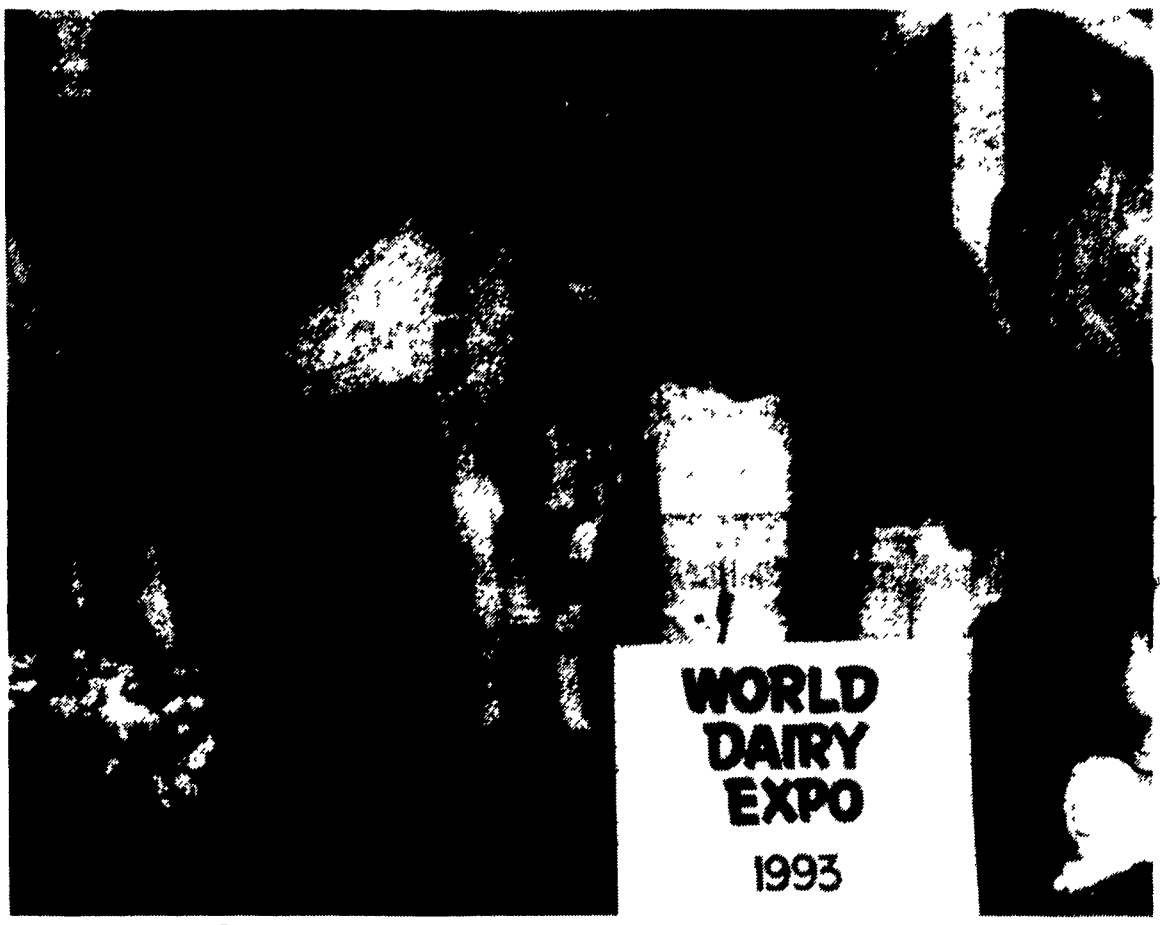
Specifically, Ridge, one of many campaigning for governor of Pennsylvania, has been building a platform that calls for restructuring the state Department of Environmental Resources to eliminate mixed enforcement from the same-agency.

As a federal representative, he is also seeking changes in the federal Clean Water Act to make it easier for the layperson to understand the complexities of water cycles and what kinds of land protections are necessary to ensure naturally clean water.

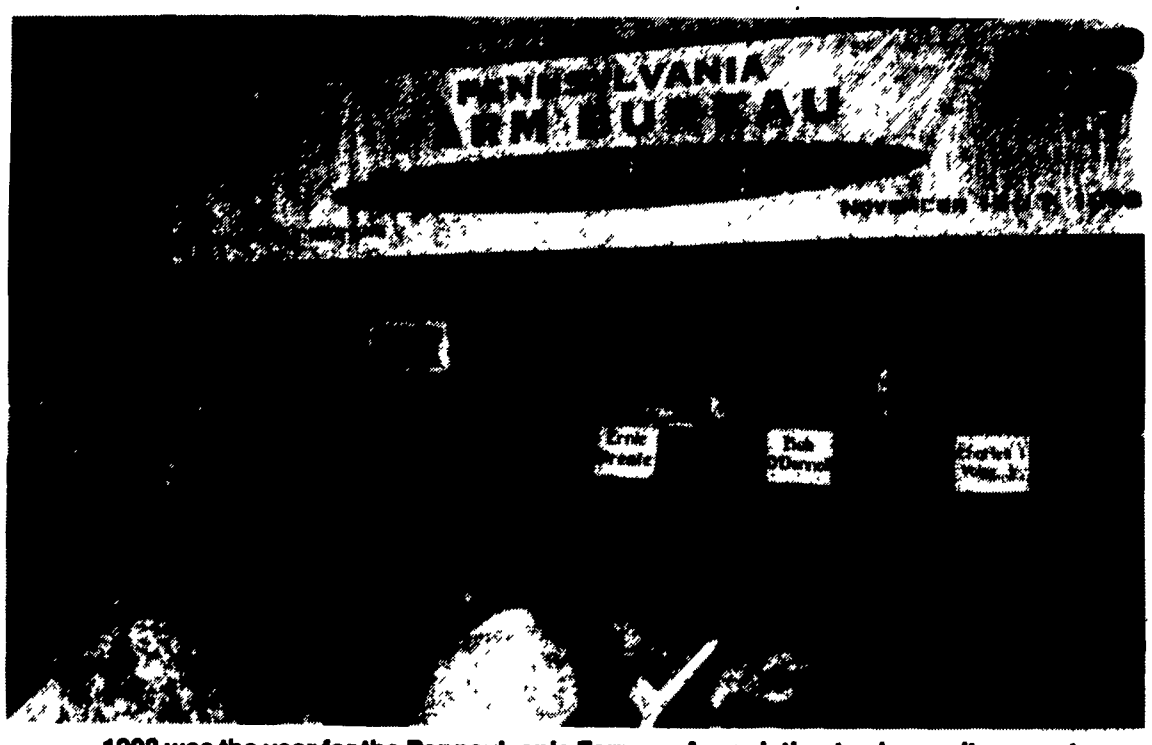
In other areas, the domestic tobacco industry seemed to have been hurt with aggresive governmental prohibitions on public smoking and health warnings, increased taxes, and price wars. Thousands of tobacco factory workers were given pink slips this past year, seeming to end the huge influence and prosperity enjoyed by that industry, at least domestically.

The politics in Harrisburg haven't seemed to stop changing and adjusting after a relatively large slate of freshmen entered the House and, the Senate became controlled by the Democrats.

Falling at a rate of 4-inches per-hour, the March 13 Blizzard of the Century locked up travel and back roads for up to three days and prevented some milk from being shipped to handlers.



Robthom Suzet Paddy, a 6-year-old Holstein set a world record for verified milk production and is honored at the 1993 World Dairy Expo. From the left are owners Robert and Mariann Thomson, Nancy Thomson and daughter Laura; and Alton, Janet and son Eric Ling. Also shown is Steve Kerr, CEO of the National Holstein Association.



1993 was the year for the Pennsylvania Farmers Association to change its name to the Pennsylvania Farm Bureau. Here the association's banner rides above a table of gubernatorial hopefuls during the association's annual convention in November.

Most recently, in the House of Representatives, the Democratic Party's majority control seems to have been threatened by some of the younger crowd switching parties and increasing the Republican ranks.

There has been almost no dairy industry reaction to the U.S. Food and Drug Administration's approval of Monsanto Corp.'s commercial form of bovine somatotropin (BST), which is to be used to stimulate a lactating cow's production of milk.

Monsanto's BST, called "Posilac," is the first biotechnological product based on recombinant DNA techniques to be used directly to produce food.

There are many more biotechnological products, made by using direct genetic manipulations, that are waiting to be introduced to the public's food supply, according to a number of industry sources.

The industry awaits the public reaction.

But determining public reaction has been changing.

While it has never been easy to ascertain the opinions of the masses, it seems to be getting more difficult because of the increasing number of self-appointed spokespersons for the general public.

It seems as though "representing" the public has become a new full-time job in the United States.

It was announced this year that there are now more than double the number of "non-profit" organizations seeking money to help support causes and ideologies than there were in the 1980s.

However, in order to determine public opinion, there is still nothing more reliable than carefully worded, unbiased, well-conducted and documented polling and research.

Achievements for 1993 are also many, depending on whom is defining the events.

From the perspective of the state Department of Agriculture (PDA), there is much to build upon in 1994 which was achieved in 1993.

State funding was allocated for a new veterinary diagnostic laboratory, and Urban Consultants Inc., of

(Turn to Page A23)

A Year To Challenge Understanding

(Continued from Page A22)

Philadelphia, was appointed to begin architectural design work.

A contract for construction of the facility is expected to be awarded in 1994, and the $6.7 million project is scheduled for completion in 1995.

The CHEMSWEEP program, started two years ago as a pilot program, has grown in popularity.

Through the program, farmers can dispose of certain types of pesticides at no cost to them. There were six counties included in the program during 1993 and nine counties are anticipated to participate in 1994.

To date, more than 85,000 pounds of pesticides have been collected, or are scheduled for collection, according to the PDA.

Farmland protection in Pennsylvania continued to grow this past year, and is expected to expand in 1994.

According to the PDA, by the end of 1993, there was land on 381 farms in 25 counties which had sold development rights to the respective counties.

Also this past year, for the first time, a Pennsylvania Farm Show Foundation was formed with funds provided through the sale of junior livestock champions at the 1993 Farm Show.

What had happened was a syndicate of buyers paid $15,100 for a champion market swine raised by Mark Simmon, of Lebanon. Simmon had said that if he could receive a price of $5,000 for his swine, he would turn over all the remaining proceeds to establish a scholarship fund.

The scholarship program was further defined this fall and some of the first awardees can be expected to be announced during the 1994 Farm Show, set to be held Jan. 8 through Jan. 13.

On an international scale, the North American Free Trade Agreement (NAFTA) is also seen widely as beneficial to agriculture and business, both the in the near-term and long term.

According to Boyd E. Wolff, state secretary of agriculture, exports of Pennsylvania farm products are expected to continue growing at a record pace. The value of agricultural exports from Pennsylvania has more than doubled over the past seven years, according to the PDA.

With the passage of NAFTA, it is expected that exports to Canada and Mexico will increase, he said.

"Participation in international trade shows in 1994 will permit the Department of Agriculture to help foriegn buyers discover quality Pennsylvania products.

"Pennsylvania companies are invited to participate and are provided with the opportunity to easily travel to and evaluate foreign marekts for their many products, such as candy, snacks, grocery items, beverages, lumber, logs and wood."

Also during 1993 was perhaps the biggest Midwestern flood of modern times, with the Mississippi engulfing thousands of acres and homes and farms that weren't even considered to be flood prone.

While the impact of the flood is most directly affecting grain and feed prices, there are many with relatives or friends who suffered great personal losses. And of course, as taxpayers, all will feel the impact as federal emergency funds are used to assist communities rebuild.

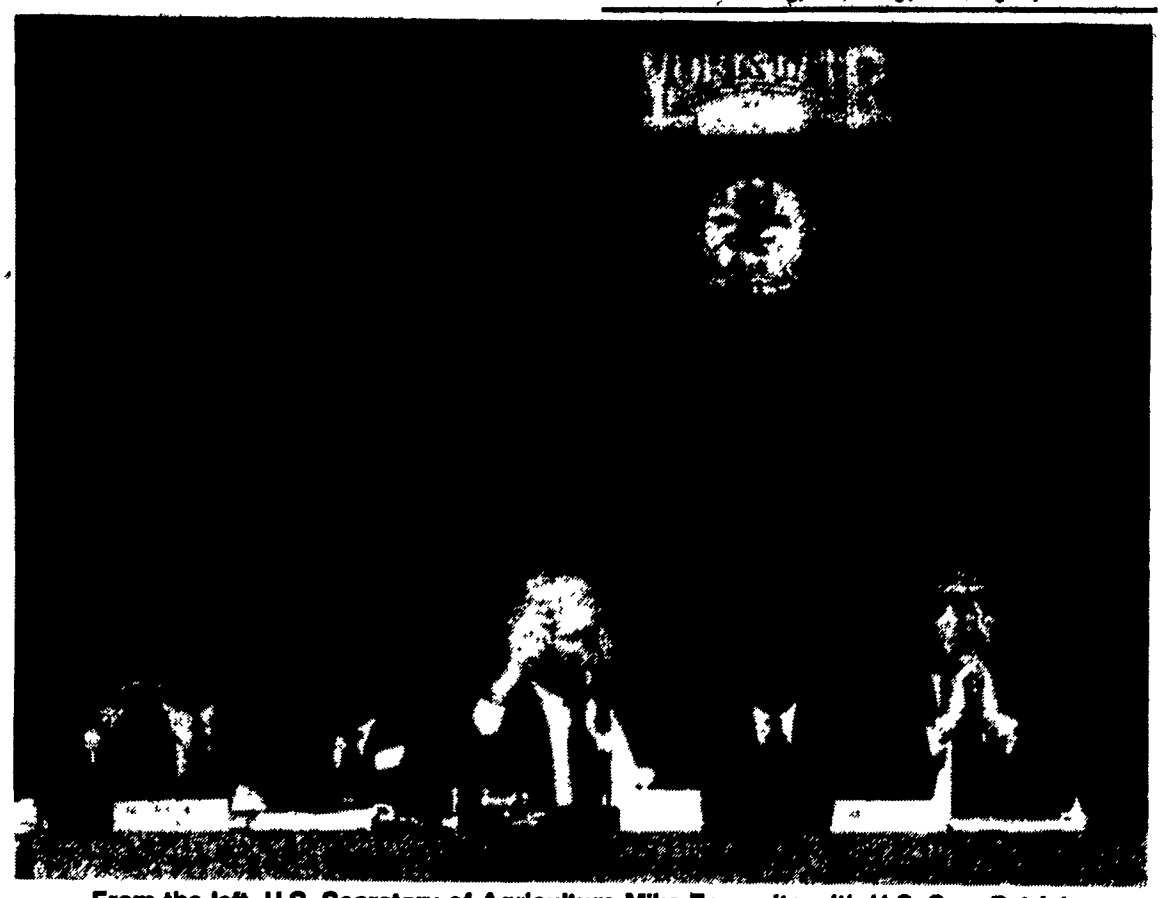
A number of support and aid efforts to those in Midwest came directly and indirectly from the Pennsylvania agricultural and rural community.

In other news, a Holstein, Robthom Suzet Paddy, born Dec. 1, 1986, this year set a world record for milk production. Paddy recorded a verified 59,300 pounds of milk, 2,297 pounds of fat, and 2,038 pounds of protein in a 365-day lactation with twice-per-day milking. Owned by Robert Thomson Jr. of Springfield, Missouri, she peaked at 200 pounds of milk per day and averaged 162 pounds.

The FFA Foundation also had a "first" this year, with the help of Hoss's Steak and Sea House owner and CEO Bill Campbell, sponsoring a successful fund-raising golfing event featuring a number of celebrities. A follow-up is anticipated for 1994.

The Pennsylvania Farmers' Association is no longer called as such. The new name is Pennsylvania Farm Bureau, ending decades of having a different name than many of its peer state affiliates to the National Farm Bureau.

Pennsylvania had to use the "Farmers's Association" name because when it formed a now-defunct commercial business had rights to the Farm Bureau name.



From the left, U.S. Secretary of Agriculture Mike Espy sits with U.S. Sen. Patrick Leahy, chairman of the Senate Agriculture Committee, and Pennsylvania Secretary of Agriculture Boyd Wolff, at a national dairy industry meeting in York. Held in June, it is one of the highlights of the past year.

Pa. Rivers Conference Set

HARRISBURG (Dauphin Co.) — The Department of Environmental Resources (DER) and the Department of Community Affairs (DCA) will host a three-day conference on the direction of Pennsylvania's river conservation initiatives into the next century, June 20-22, at the Harrisburg Hilton.

The Pennsylvania Rivers 2000 Conference, "Building Partnerships for River Conservation," will present technical and educational topics to guide interested individuals in river conservation strategies and objectives.

The conference will feature discussion by all participants on how business, industry, agricultural, and community leaders can work together to enhance Pennsylvania's river resources. Participants will attend case studies whose partnership efforts have lead to the conservation of rivers and river values.

Conference attendees also will be able to exchange ideas on the future of river conservation in focus groups on the final day of the conference.

More than 50 regional, state and national experts in river conservation, water resources, and the environment are scheduled to participate in panel discussions, lectures, and focus groups.

The conference will be kicked off with an evening welcoming reception on June 19.

For more information about the conference, call (814) 234-4272.

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GLENN'S UDDERINGS

By
Glenn A. Shirk

Lancaster Extension
Dairy Agent

WHERE IS YOUR HERD HEADING?
(Part 3 of a 3-part series)

One thing that good managers do is monitoring the progress of their businesses to see if they are heading forward or backwards. They work to reinforce their strengths and to correct any problems they detect. Dairy farmers should be no different.

In this 3-part series, I have attempted to indicate how dairy farmers and their advisors can use their Penna. and Raleigh DHIA records as a tool for monitoring what is happening with dairy herds and for predicting future trends.

The first article, written about a month ago, focused on using peak daily milk production per cow and persistency of production as indicators of what direction future milk production might be heading. Percent fat and protein is a reflection of feeding practices and cows' energy balance, both of which have a major impact on cows' future performance as it relates to: dry matter intakes, ketosis, DA's, milk production, conception rates, lameness, culling rates and replacement costs.

The second article, written about two weeks ago, looked at percent heats detected and percent of services that were successful and the impact they have on days open and future calving intervals. Long calving intervals can indicate a reduction in future milk production, the number of calves to be born and the number of replacements that will be available. High cull rates and a high incidence of forced, involuntary cullings, indicate that future replacement costs per year and per cwt. of milk shipped will be high, and the rate of genetic progress in the herd will slow down, especially if too many good cows had to be culled prematurely.

This article, the third one in the series, focuses on genetic trends, SCC trends, and other trends as reflected by cows' body conditions.

GENETICS

To remain competitive, dairy producers need to be making genetic progress in their herds. There are several indicators that can help reveal where their herds are heading genetically. One place to look for clues is on your Penna. and Raleigh DHIA Herd Summary reports.

What is the genetic profile of your service sires? The higher their PTA's, the better the production genetics of your herd's future offspring. To date, genetic evaluations have been heavily weighted for production. This will start to change with future sire proofs; they will start relying more on net merit indexes, which consider cows' udder health (SCC) and productive life (longevity) as well as milk production and component yields. As you study the PTA's and PA's of service sires, compare those of the A.I. proven sires you use with those of A.I. young sires or herd sires you also use. Which ones have the highest PTA's and which ones are you using most heavily in your herd?

Another area to check is the PTA's of your cows and their sires. If you have been selecting good sires for genetic improvement of the herd, your first lactation cows should have the highest PTA's. Do they? As you compare first lactation cows with older cows, remember that you are comparing a group of unculled cows (first lactation heifers) with a group of older cows that were good enough to survive the initial cullings. Once the poorer cows are culled form the first lactation group, their average PTA's may improve — unless problems force you to involuntarily cull too many genetically superior heifers.

To get an idea if you are culling too many of your better cows, check the average PTA's of cows voluntarily culled for low production with PTA's for cows removed for other reasons. If the PTA's for cows removed for other reasons is much higher than that of cows culled for low production, you are losing some good genetics. The question is, are they being sold for what they are worth as breeding stock? If so, that's good. If not, it's costing you money. You can find some of this information at the bottom of your Raleigh DHIA Estimated Relative Producing Ability (ERPA) List, which is printed twice a year.

Are you using the best bulls on your best animals? Notice that I did not say best cows. Your best animals should be heifers not yet bred. Is this the group you are breeding to your herd sire? If so, how does your herd sire's PTA or PA compare with PTA's of the A.I. sires you have been using? If A.I. sires were used on the heifers, could you get them settled? If not, would it be worth the effort and expense to use heat detection aids and to synchronize heats to improve heat detection and conception rates with A.I.?

Another indicator of genetic progress is the number of cows on your Raleigh DHIA Monthly Reports that have a "$$" code typed in the "date due" column. Offspring from these matings should be in the top 5% genetic group in the U.S. These cows have greater market value as breeding stock and, if merchandised effectively, could increase future income from cattle sales.

SOMATIC CELL COUNTS

Is mastitis in your herd like a smoldering fire that goes unnoticed until it flares up and gets out of control? Smoldering mastitis problems can erupt into big, expensive problems in the near future because of: lost milk production, loss of quality premium payments, loss of a milk market, treatment costs, dumped milk, loss of good genetic stock due to forced cullings, reduced sale value of cattle, increased replacement costs, etc.

Your DHIA records can help point out where udder infections and herd profits are heading. Let's start with the DHIA Herd Summary report. Look at what percent of the herd has SCC scores of 5 or higher, and what is the trend from month to month? If the total percent of cows in these categories is 10-20% or higher, and climbing, it may be a sign that contagious mastitis is about to get out of control. Before it does, corrective action should be taken soon — while you still have a fighting chance. Fighting mastitis is like fighting a fire. A one-alarm fire is easier to bring under control than the five-alarm fire that it could turn into if not controlled properly and quickly enough.

If too many of your cows are code 5 or higher, check the Herd Summary report to see if most of them are older cows. They could be spreading infection to your first calf heifers, and your heifers could be falling into the same costly pattern you are now experiencing with the older cows. An indication that the spread of contagious infections from older cows to younger heifers is not being controlled is a gradual increase in the SCC level of first calf heifers as they progress through their lactation.

Another place to check is the SCC Summary report. How many times were infected cows severely infected this lactation, and how does this compare with months (or days) in milk? If you have been treating clinical cases and dry-treating cows, and they are still high month after month, they might have incurable staph infections. Such cows are a major threat to other healthier cows in the herd, because they act as seeds of infection.

Consult your veterinarian for help in designing and implementing a mastitis prevention and control program for your herd. Use your DHIA records to monitor udder health trends in your herd. Attack problems quickly, before they get out of control.

BODY CONDITION

Managing cows' energy reserves properly is essential in high producing herds! It is one of the major challenges facing today's dairy farmers. A good indicator of how well cows' energy reserves are being managed is their body condition scores.

Scoring cows regularly is something dairy farmers and their advisors need to do more diligently. Equally important is recording these scores and entering them into a system that enables the data to be summarized into useful herd management reports. DHIA is just beginning to make this tool available. Ask your DHIA technician for more information, and make plans to do this important task on a regular basis.

If cows are scoring 4 or more at time of dry off or at calving time, it can be a sign that you can expect more problems in the future in the form of: calving difficulties, depressed appetites, ketosis, thin cows, poorer conception, etc. If cows drop more than 1 body condition score within the first month or so after calving, expect many of the same problems mentioned above. If scores drop below 2.5, it will be harder to catch cows in heat; expect more cysts, drastic drop in conception rates plus lower protein and fat tests, which translates into lower milk prices.

If cows are 2 to 4 months away from drying off and still score no higher than 2.5 or so, you will need to put about 250 lbs. of weight on them to raise their body score up to 3.5-3.75 by dry-off time. Do you have enough time left in the lactation to get this job done? To do so, cows will need to gain 2 to 4 lbs. per day while still producing milk. If they fail to do this, they may come fresh next lactation out of condition and not ready to work (the sophomore slump syndrome). It is best to get cows in proper flesh before drying them off rather than expecting to put weight on them during the dry period, at a time when the fetus is making its most rapid growth. Another advantage of accomplishing this during lactation is, you put the weight on cows more cheaply when they are in milk, and if cows go dry in uniform flesh you will have a more uniform group of dry cows, which is much easier to manage properly.

Conversely, if cows are fat when dried off and lose flesh during the dry period, their bodies may be depleted of essential nutrients at a time when they need them the most, at the time of calving and in the days that follow.

DHIA body condition score reports can help you monitor the energy status of cows at crucial stages of their life cycle and at various stages of their lactation. It can be a tremendous tool for monitoring the effectiveness of your feeding program, your heifer program and your dry cow program. Are the ketosis, DA and breeding problems you battle related to cows' body condition at time of calving, to changes in condition following calving, etc.? At what condition do cows stop showing heats and stop conceiving, and at what condition does conception start again? It might be very helpful to know this so you can anticipate impending problems and adjust your herd management program accordingly.

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Direct Marketing Conference Set

LIVERPOOL, N.Y. — The program for the 31st annual New York State Direct Marketing Conference to be held at the Sheraton Inn Syracuse on January 18, 19 and 20, will help farm direct marketers manage their businesses with the focus on the customer.

Speakers from throughout New York and nearby states will talk about what they do to manage their operations, attract more customers, and keep them coming back.

Opening the conference on Tuesday, January 18 is Dave Eyssen of Mapleside Farm Market in Brunswick, Ohio, south of Cleveland. Eyssen's keynote presentation will discuss how this successful family business has been catering to customer interests and building a loyal clientele.

Mapleside Farm Market, originally an orchard, has expanded to include a year-round produce market, bakery, restaurant, and gift shop with special events held during the year. The shift to "entertainment farming," as Eyssen calls it, has allowed Mapleside to attract a diverse and loyal customer base.

The results of two recent surveys will give marketers insight into what customers think and the challenges affecting farm markets. On Tuesday, Dr. Tim Rhodus, Ohio State University, will discuss the results of a survey of Ohio consumers' views on shopping at farm markets. On Wednesday, Jan. 19, Dr. Morris Fabian of Rutgers University will discuss the results of a study of New Jersey farm markets that reveals the challenges foremost on the minds of marketers.

The balance of Tuesday's program features concurrent sessions on business performance measures, customer relations, merchandising strategies, convenience, advertising, food service, and computers. Wednesday's program includes topics on attracting tourists, competition, promotional events, business decision-making, zoning issues, brochures, gift baskets/mail order, and customer surveys. On Tuesday and Wednesday evenings, conference attendees are invited to informally network during the ice cream social and sharing session.

Thursday features three concurrent events: a small fruit program, a farmers' market managers program, and a tour to markets in Syracuse and Oneida County. The emphasis of the small fruit program is on extending the marketing season. Dr. Allan Sullivan, University of Guelph, Ontario, Canada, will present findings on a new strawberry production technique called waiting beds for season extension. Other topics on the small fruit program include day-neutral strawberry production, varieties, row covers, greenhouse berry production, economics of post harvest handling, and storage.

The program for farmers' market managers and vendors on Thursday will highlight successful new markets started in 1993. Attendees will also learn about the importance of farmers' markets as a business incubator. Management, promotion, facilities, display, and regulations are other program topics of importance to vendors and manager at farmers' markets.

A new addition to the conference program is a market tour to supermarkets and produce stands in Syracuse and Oneida County, which will highlight produce handling facilities, in-store displays, making gift baskets, market layout, and operations. Pre-registration is required for the tour, limited to 45 participants.

The trade show, which operates from 8 a.m. Tuesday through 2 p.m. on Thursday, features 45 exhibitors with supplies and information for farm markets.

Conference registration forms and programs are available from county offices of Cornell cooperative extension or by contacting Cornell cooperative extension of Tompkins County (607) 272-2292.

CLASSIFIED ADS PAY OFF!

ADADC Approves $11 Million Budget

SYRACUSE, N.Y. — The board of directors of the American Dairy Association and Dairy Council Inc. (ADADC), recently approved the advertising and promotion plan for 1994.

The estimated budget of $11.1 million is to fund advertising, educational programs, and specific promotions to increase the consumption of milk and milk products.

In 1994, advertising seeks to communicate two separate messages: one for milk and one for cheese. The milk message to consumers will be, "Do something good for your body."

It is to focus on the psychological satisfaction and physical benefits derived from drinking milk. Fluid milk commercials will be directed to consumers ages 25-54, since they represent 48 percent of the total population and 34 percent of the milk volume.

This group includes a high percentage of high milk drinkers (14 plus glasses per day) and represent the best opportunity for increasing total milk consumption.

Cheese advertising and promotion is to also target consumers ages 25-54. Since 90 percent of the cheese purchased at retail level is consumed during mealtime, the message to consumers is to focus on the great taste and versatility of cheese, especially in sandwiches. Sandwiches represent more than 45 percent of the total usage of cheese.

Approximately $7.4 million is to be allocated for television and radio advertising in ADADC's 10 local media markets, including New York City, Syracuse, Albany area, Wilkes-Barre/Scranton, Harrisburg area, Utica, Binghamton/Elmira, Watertown and Burlington/Plattsburgh.

Supermarket retailers are to be key partners with ADADC's marketing program. The consumer promotions department is to work with retailers, manufacturers, brokers, and dairies to increase the profitability of the dairy case through implementation of ADADC's Profit Maximization Program.

Retail sales promotions and dairy case training seminars will continue to be offered to retailers.

Retail store level audits are to be conducted in all major ADADC markets to rate stores on their product availability, attractiveness, cleanliness and space allocation.

The nutrition education department is to focus on placing two new nutrition education programs in schools to teach second and fourth grade students about healthy snacking. The department will again work with selected districts to try to increase participation in the school breakfast program, and will emphasize calcium's role in good health.

These programs are geared to influence children and adults to consume dairy products as part of a balanced diet.

ADADC's communications department is to work with the news media to promote dairy products through major public relations campaigns and by aggressive action towards dairy misinformation in the news media.

Working with state dairy princess programs, providing communications to producers through newsletters and farm press news releases, and participating in special events will continue to be functions of the communications department.

The American Dairy Association and Dairy Council Inc. is a dairy promotion organization representing dairy producers in New York, Pennsylvania and New Jersey.

NDB Strengthens Export Efforts, Targets Mexico

ARLINGTON, Va. — After studying export markets thoroughly for the past three years and initiating small scale promotion programs slowly, the National Dairy Promotion and Research Board is gearing up to more aggressively promote U.S. dairy products abroad with the hiring of Sue Sadinski as director of export marketing.

Sadinski is to plan and manage export promotion programs in the National Dairy Board's primary and secondary markets, concentrating on Mexico, with an ultimate goal of increasing sales of dairy products made from U.S.-produced milk.

The National Dairy Board also promotes dairy products in Japan and recently began work in Taiwan and the Caribbean.

The National Dairy Board has concentrated its export promotions on building awareness of value-added U.S. dairy products like cheese, ice cream and yogurt. The Board also has a limited focus on increasing usage of government export promotion programs for bulk commodities like milk powder and butterfat.

"Sue's experience in working with farmers, exporters, importers and USDA is a welcome addition to our (National Dairy Board) export department," said Tom Suber, vice president of export marketing for the National Dairy Board. "Her expertise will help expand National Dairy Board promotion programs and U.S. dairy product sales in Mexico."

Sadinski joins the National Dairy Board after serving as director of beef programs at the Meat Export Federation in Denver, Colo. She has also gained experience in exporting products by working in USDA's Foreign Agricultural Service and the Agricultural Marketing Service. She speaks fluent Spanish after spending three years in Guatemala with the Peace Corps.

Sadinski earned a bachelor's degree in animal science at Ohio State University and is nearing completion of a master's degree in English at George Mason University.

The National Dairy Board announces several recent staff promotions as well. Suber was promoted to vice president of export marketing; Janet Collins-Williams was promoted to vice president of dairy foods research; and Yvonne Dock was promoted to director of marketing communications.

The National Dairy Promotion and Research Board, comprised of 36 dairy farmers from across the country, develops and executes a coordinated plan of promotion, research and consumer communications to strengthen dairy industry's position in the marketplace. The effort is financed by America's dairy farmers.

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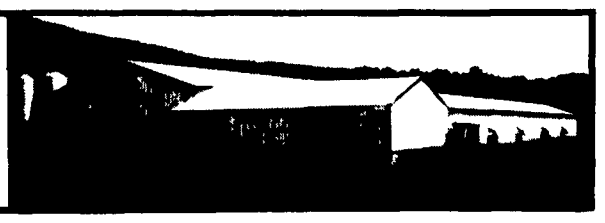

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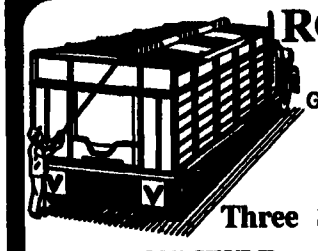

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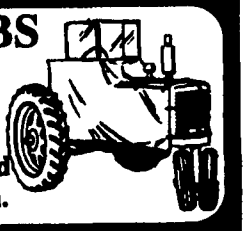

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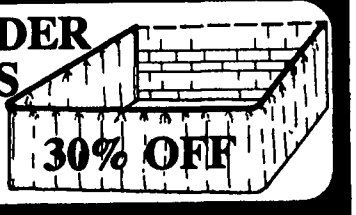

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Purebreeds Shine At Lebanon Winter Roundup

VERNON ACHENBACH JR.
Lancaster Farming Staff

NORTH CORNWALL (Lebanon Co.) — The purebred livestock took almost all the championships at the Lebanon 4-H Livestock Club's Winter Roundup, held Wednesday at the Lebanon Fairgrounds.

A 5-month-old purebred Yorkshire hog, owned by Jason Shirk, son of Thomas Arnold and Dawn Shirk, Lebanon, won the market hog competition. Bred by Leon Arnold, the purebred weighed 270 pounds and was purchased by Hatfield Quality Meats for $575.

The reserve champion market hog was a homebred, crossbred Hampshire/Duroc shown by Janine Winebark, daughter of Kenneth and Janet Winebark, of Myerstown.

Weighing 239 pounds, it sold to Dutchway Farm Markets for $385.

The top market lamb was a purebred Suffolk shown by Darren Grumbine, son of Dennis and Barbara Grumbine, of Myerstown. The 134-pound lamb sold for $260 to Lebanon Valley National Bank and Dr. and Mrs. Andrew Stewart, of Lebanon.

Taking reserve champion market lamb was a purebred Dorset shown by Joseph Tice, son of Tom and Debbie Tice, Mt. Zion. The 118-pound lamb was purchased by Agway Engergy Products of Lebanon for $160.

Overall, the sale raised a total of $14,730 on 14 head of lambs and 66 head of market hogs.

The hogs totaled $12,745 for an average of $193. The lambs sold for a total of $1,985 for an average of $141.80.

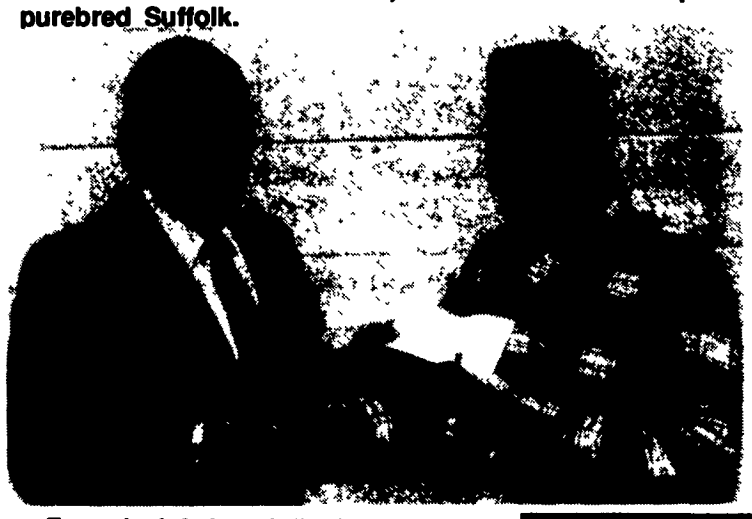
According to Kenneth Winebark, the annual winter roundup showed a great deal of depth and quality in the animals shown. The event is held annually to help prepare those who are going on to the Farm Show gain more showing experience.

Winebark said the support for the youth again was excellent as in the years past.

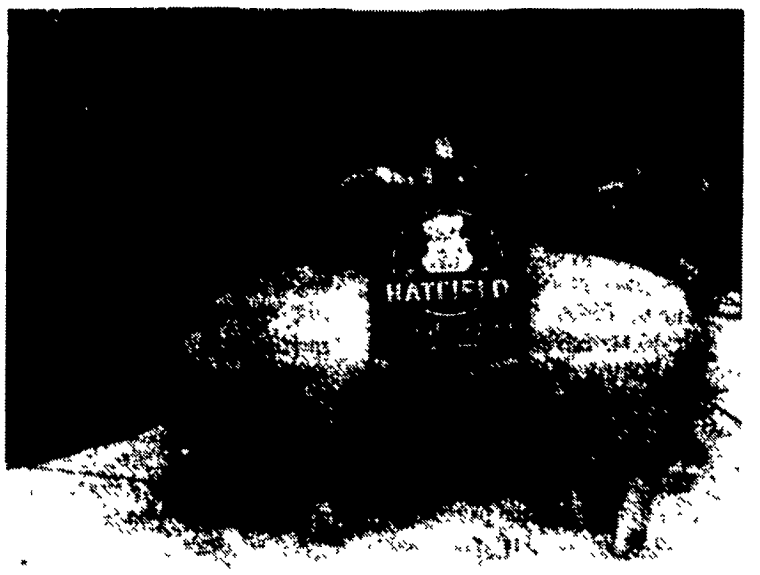
The pig judge was Ken Fetterolf, from Centre Hall, Centre County. The sheep judge was Bill McCauley, from Atglen, a well-known breeder of Suffolks.

In other business, prior to the sale of champion, Lou Juliani, representing state Rep. Peter Zug, presented a legislative initiative grant for $2,000 to Brian Kreider, president of the Lebanon County 4-H Beef and Pig clubs, that is to be used for a ventillation system in the livestock barn and some timers and equipment for the county's 4-H horse program.

From the left, Kathy Stewart, John Eatman, and Mike Firestine, respresenting Lebanon Valley National Bank and Dr. and Mrs. Andrew Stewart, buyers of the champion market lamb of the Lebanon 4-H Livestock Club Winter Roundup, stand with Darren Grumbine, who holds his champion purebred Suffolk.



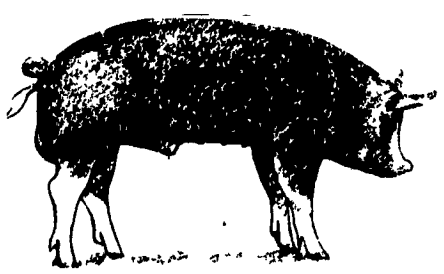
From the left, Lou Juliani, representing state Rep. Peter Zug, presents a legislative initiative grant of $2,000 for the Lebanon County 4-H program to Brian Kreider, president of both the county's 4-H Market Hog and Beef clubs.



A representative from Hatfield Quality Meats holds his company's banner over the back of Jason Shirk's champion market hog of the Lebanon 4-H Winter Roundup.

Representatives of Agway Engergy Products holds the plaque, while Joseph Tice holds his reserve champion market lamb.

A representative of Dutchway Farm Markets holds the plaque, while Janine Winebark stands with her reserve champion market hog.



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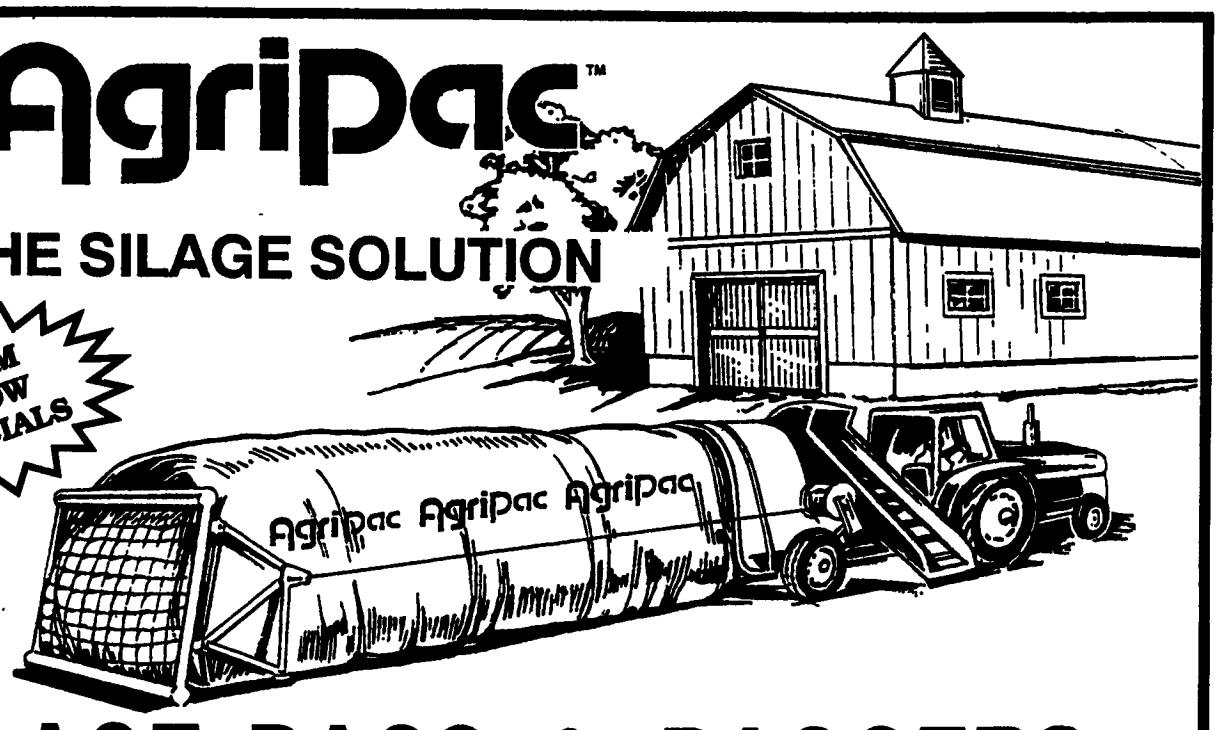

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Farm Calendar

(Continued from Page A10)

Stoneboro, 10 a.m.-3:30 p.m.
Financial Management Workshop, Schuylkill Campus, Schuylkill Haven, continues Jan. 13 and 27.
Lancaster County Tobacco Show, Farm and Home Center, 10 a.m.
New Jersey Farm Bureau Dairy Summit, Elmer Grange Hall, Pole Tavern, 10 a.m.-3 p.m.
Raleigh DHIA Records Workshop, Lancaster Farm and Home Center, 7:30 p.m.

Friday, January 7

Pa. State Farm Show, judging only.
Milk Marketing Policies and Issues Update for Dairy Leaders, Franklin Co. Extension Office, Chambersburg, 9:45 a.m.-noon.
Raleigh DHIA Records Workshop, Lancaster Farm and Home Center, 12:30 p.m.

Saturday, January 8

Pa. State Farm Show, thru Jan. 13.
Pa. Rabbit Breeders Association annual meeting, Farm Show Complex, Harrisburg.

Sunday, January 9

Monday, January 10

Eastern Pa. Turfgrass Conference and Trade Show, Valley Forge Convention Center, thru Jan. 13.
Mercer County income tax meeting, extension office, 9 a.m.-3:30 p.m.
Pa. Charolais Association annual meeting, Econo Lodge, Harrisburg.

Tuesday, January 11

Dairy-MAP, Neshaminy Manor Center, Doylestown, also Jan. 18.
Butler County income tax meeting, Days Inn Motel, Butler, 9 a.m.-3:30 p.m.
Master Farmers Association annual meeting, Camp Hill.
Improving Swine Efficiency Satellite Conference, Lancaster Farm and Home Center, 8 p.m.-10 p.m., also Jan. 18 and Jan. 25.
Non-Mechanical Barn Ventilation meeting, Dan Stoltzfus Farm, Millheim, 10 a.m., and Joe King Farm, Madisonburg, 1 p.m.

Wednesday, January 12

Wayne County pesticide certification exam, Courthouse, Honesdale, 8:30 a.m.-noon.
PAA Convention, Harrisburg Mariott, Harrisburg, thru Jan. 15.
DuBois income tax meeting, DuBois Holiday Inn, 9 a.m.-3:30 p.m.
Pa. Beef Council annual meeting, Harrisburg Hilton and Towers, 6:30 p.m.
Pa. Nut Growers Association annual meeting, Farm Show Complex, Harrisburg.
Pa. Veterinary Nutrition Forum, Days Inn, Lancaster.
Intensive Wheat Management, Lancaster Farm and Home Center, 8:30 a.m.-noon.

Thursday, January 13

Pa. Christmas Tree Growers Association (PCTGA) Winter Meeting, Embers Inn and Convention Center, Carlisle, thru Jan. 15.
Income tax meeting, Mansfield Comfort Inn, 9 a.m.-3:30 p.m.
Northeast Farm Credit's 4th annual Ag Outlook Conference, two locations, Corey Creek Country Club, Mansfield, 12:30 p.m.-3:30 p.m. and Country Cupboard, Lewisburg, 6:30 p.m.-9:30 p.m.
Del./Md. Vegetable Meeting, Sheraton Inn, Dover, Del., thru Jan. 14.
Non-Mechanical Barn Ventilation meeting, Emanuel Beiler Farm, Rauchtown, and Esh Bros. Farm, Hublersburg.

Friday, January 14

PCGTA winter membership meeting, Embers Convention Center, Carlisle, thru Jan. 15.
Income tax meeting, Shadowbrook Motel, Tunkhannock, 9 a.m.-3:30 p.m.
5th National Community Supported Agricultural Conference, Bio-Dynamic Farming and Gardening Association National Headquarters, Kimberton, thru Jan. 16.
Crop Management Association annual meeting, St. Thomas Fire Hall.
Raleigh DHIA Records Workshop, Bart Fire Hall, Georgetown, 12:30 p.m.

Saturday, January 15

Community Supported Composting, Kimberton Waldorf School, West Seven Stars Road, Kimberton, 8 p.m.
Franklin County Holstein Association annual meeting, Pleasant View Mennonite Church, 7 p.m.

Sunday, January 16

Monday, January 17
Martin Luther King, Jr. Day

Northeast Winter Dairy Management Seminar, Mountain View Inn, Greensburg, thru Jan. 18.
Income tax meeting, Comfort Inn, Hazleton, 9 a.m.-3:30 p.m.

Tuesday, January 18

New Jersey Annual Vegetable Meeting, Trump Taj Mahal, Atlantic City, N.J., thru Jan. 20.
Virginia Corn-Soybean Conference, Colonial Williamsburg, thru Jan. 20.
Pasture Management Conference, Lebanon Valley Fairgrounds, Lebanon, 9 a.m.-3 p.m.
Lime, Fertilizer, and Pesticide Conference, Days Inn, State College, thru Jan. 20.
Solanco Young Farmers meeting, financial management.
31st Annual New York State Farm Direct Marketing Conference, Sheraton Inn Syracuse, Liverpool, N.Y., thru Jan. 20.
Beef Producers Meeting, Lighthouse Restaurant, Shippensburg, 7:30 p.m.
Dairy-MAP, Huntingdon County Hilltop Restaurant, Shade Gap, also Jan. 25.
Raleigh DHIA Records Workshop, Robert Fulton Fire Hall, Wakefield, 12:30 p.m.
Farm and Home Foundation annual meeting, Lancaster Farm and Home Center.
On-Foot, On-Rail Beef Evaluation Program, Leesport Farmer's Market, Leesport, live evaluation at 7:30 p.m. Carcass evaluation on Jan. 20 at Peter Bros. Meats, Lenhartsville, 7:30 p.m.
Lambing Time Management Series, Lancaster Farm and Home Center, continues Jan. 24 and 31.

Wednesday, January 19

Penn-Jersey Dairy Expo, Holiday Inn, Bethlehem, thru Jan. 20.
International Poultry Expo, Atlanta, Ga., thru Jan. 21.
Managing For Success Workshop, Clarion County Extension Office, repeats Jan. 26.
Dairy-MAP, Lancaster Farm and Home Center, also Jan. 27.

Thursday, January 20

Winter Nursery Seminar, Delaware Valley College.
Pa. State Association of County Fairs Annual Convention, Hershey Lodge and Convention Center, Hershey, thru Jan. 22.
Farm Income Tax meeting, Lighthouse Restaurant, Chambersburg.
Adams County Extension annual meeting, Heidlersburg Fire Hall.
Cumberland County Dairy Clinic, Penn Township Fire Hall, Huntsdale, 9 a.m.-3 p.m.
Raleigh DHIA Records Workshop, White Horse Fire Hall, White Horse, 12:30 p.m.
Atlantic Breeders Cooperative, Schaefferstown Fire Hall, 9:30 a.m.-noon.

Friday, January 21

Corn Production Satellite Seminar, Penn State DuBois Campus, also Feb. 15 and 22, at Lancaster Farm and Home Center and other extension offices.
Centre and Clinton Co. Crops Day, Logan Grange Hall, Pleasant Gap.
Lycoming Co. Crops Day, Pennsdale Fire Hall, 9:30 a.m.-3:30 p.m.

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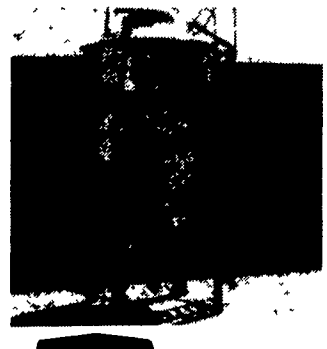
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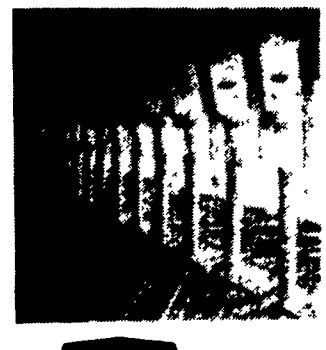
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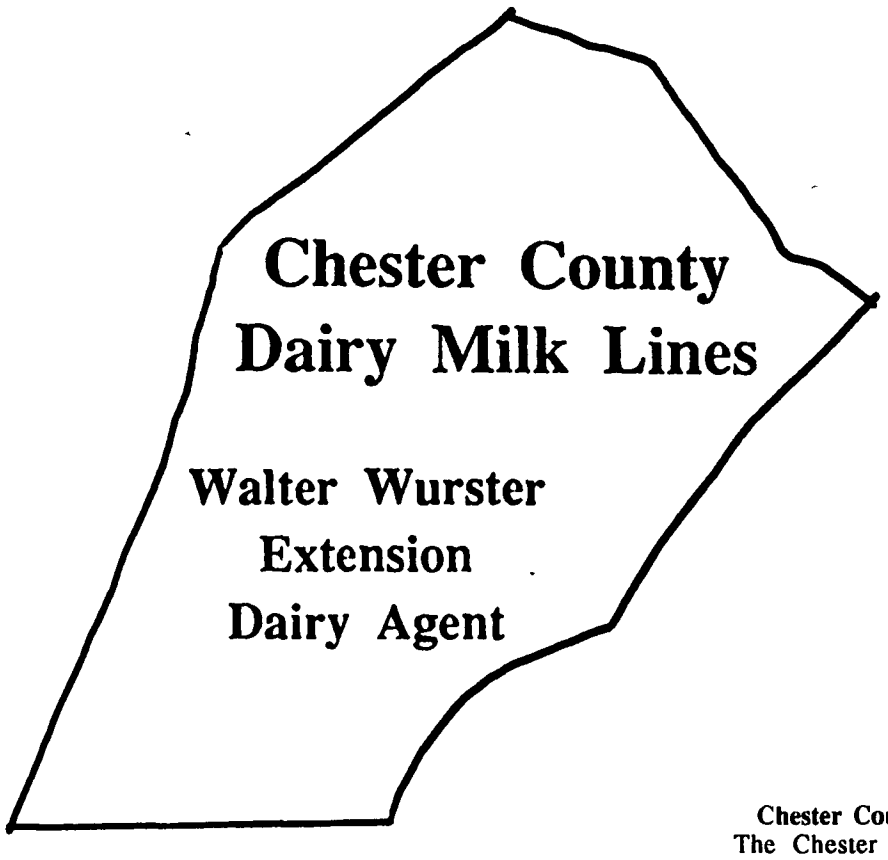

Chester County DHIA - December 1993

Cows producing over 800 lbs. protein are:

Name	Breed	Age	Milk	Fat	Pro
Leon D. Kurtz					
Rhonda	H	5-00	27,763	889	812
Jackie	H	4-06	27,080	931	883
Joseph & Sandra Lusby					
Anette	H	7-10	29,386	989	835
Grace	H	3-10	28,760	1016	832
Gina	H	3-05	25,984	926	823
DH Lonehill Farm					
122	H	3-07	28,878	865	902
Ken & Marilyn Umble					
Elise	H	7-01	29,528	858	883
Connie	H	4-02	27,229	1140	877
Dancer	H	3-02	22,382	894	819
Mrs. John B. Hannum 3D					
303	H	4-04	26,830	830	861
Marilyn & Duane Hershey					
Sundanc	H	4-08	26,771	919	860
Alley	H	4-02	29,199	1097	983
Ivy	H	3-06	26,879	957	892
Apple	H	3-00	25,695	930	865
Deanna	H	3-03	28,915	820	918
Aspen	H	2-11	25,472	896	817
Gerald L. Kulp Sons					
18	H	6-02	27,660	846	812
241	H	3-01	26,424	769	855
John S. Stoltzfus					
4	H	5-06	25,142	1065	858
Merle J. King					
Whitney	H	-----	26,269	1076	832
Grace	H	3-06	26,053	1001	825
Lydia	H	2-11	26,680	857	917
Dunwood Farm					
Peachie	H	5-08	33,561	1062	1056
Dream	H	3-03	27,787	1037	856
Chris & Ches Stoltzfus					
Velvet	H	4-03	26,953	933	813
Ridge Star Farm					
18	H	4-04	26,040	897	814
Tim & Phyllis Barlow					
Cynthia	H	5-03	29,633	858	812
Walmoore Inc. #3					
494	H	5-04	27,081	1120	810
Charles J. Moore					
Whitey	H	4-06	33,995	723	1004
Blitz	H	3-05	31,703	994	904
J. Harold Bare					
3	H	4-07	28,159	1116	938
Dale Hostetter					
Rosene	H	9-09	31,769	998	858
Daisy	H	2-11	25,149	933	852
Mark & Melody Stoltzfus					
Myra	H	5-03	26,162	812	813
Milly	H	3-05	27,492	837	855
Benjamin K. Kauffman					
Lea	H	4-01	29,272	1087	875
Wilkinson Farm 1					
3042	H	3-01	25,312	846	809
Paul Martin					
152	H	3-00	26,252	986	846
Maplesway Farm					
Pearly	H	5-04	28,083	971	823
David F. King					
10	H	9-05	27,961	1002	805
Rol Kel Pen Moore					
Casey	H	4-07	28,752	1057	851
Grebel	H	4-06	29,963	1024	837
Donald Speakman					
59	H	6-10	24,151	905	810

Chester County DHIA

The Chester County DHIA Board of Directors held their annual re-organizational meeting on December 14, 1993. Dan Miller, Chatham, was re-elected President and Kelly Freebery, Oxford, was congratulated on her excellent job as Treasurer, the position she will continue to hold. Pete Miller, Spring City, was elected Vice-President and will direct contact between the Board and the technicians. Glenn Ranck, Cochranville, will serve as Secretary in 1994.

Farmland Assessment

Progress is being made on having Act 319 assessments calculated for each tax parcel of 10 acres or more in Chester County. At the present time, the mapping on the computer of the tax parcels and their soil types and tree cover is just about complete. Very shortly a farmland value will be calculated for every soil type in the county and each farm will then have an Act 319 assessment on the land based on the combined soil types on that farm.

Around the beginning of February, the assessment office will send to all farms a statement of what Act 319 value would be if that farm elects to select that program between March 1 & June 1. If you are currently under Act 515, that assessed value will also be on the statement along with the fair market value. The important fact is that you will now have some choices available for you to decide which program is best for your farm.

All farmers have some important decisions to make if they want to take advantage of reduced assessment and taxes on their farm. To help landowners understand their options, the county has scheduled four educational meetings in January:

Tuesday, January 18, 1994
7:30 p.m.
Owen J. Roberts High School

Wednesday, January 19, 1994
7:30 p.m.
Unionville High School

Thursday, January 20, 1994
1:00 p.m.
Honeybrook Fire Hall

Thursday, January 20, 1994
7:30 p.m.
Octorara High School

The assessment options will be explained by Walter Wurster, Chester County Extension Agent, and Robert Barr, A farmer and president of 21st Century appraisers. There will be plenty of time for questions so try to attend one of these meetings!

Pennsylvania Forage Schools

Penn State Cooperative Extension is offering a new two-day school in 1994 on forage production at two locations in Southeastern Pennsylvania. On February 8 and 15 from 9:30 a.m. to 3:00 p.m., the sessions will be held at the Lebanon County Extension office, and on February 9 and 16, the same program will be offered at the Gap Diner, Routes 41 & 30, in Gap, PA. This is a workshop-style program targeted at progressive farmers and agri-business personnel working with forage producers.

Over the two-day period, eight different speakers will address the following topics:

+ Importance of Forages to Pennsylvania
+ Forages and the Ruminant Animal
+ Forage Fertility and Manure Management
+ Forage Crop Selection and Establishment
+ Forage Insects
+ Forage Weeds and Their Control
+ Forage Quality: Determination and Importance
+ Hay and Silage Harvest Management
+ Dairy Forage Systems
+ Forage Economics

The cost of the school is $45.00 which includes the "Pennsylvania Forage Handbook," an extensive reference book, and meals on both days. For more information and registration, contact Paul Craig (717-921-8803) for the Lebanon County school and Walter Wurster (215-696-3500) for the school at Gap. Attendance will be limited to 40, first come-first served.

Dairy Nutrition Teleconference and Workshop

Chester County dairy farmers have the opportunity to participate in an excellent three-day dairy nutrition program at the Lancaster Farm & Home Center February 10, 17 & 24 from 10:00 a.m. to 3:00 p.m. each day. The workshops are designed to combine hands-on activities with local extension agents and interaction with university faculty via satellite. Producers will be able to use information from their own farms to expand and update their knowledge of nutrition and feeding management. This is a very up-to-date program that uses the expertise of a variety of university faculty to cover all phases of feeding dairy animals.

The cost for the three days is $46.00 which includes the workshop book and three lunches. For more information, contact Glenn Shirk (717-394-6851) or Walter Wurster (215-696-3500). Registration is being handled by the Lancaster County Extension office.

NRAES Co-op Extension Offers Milking Center Book

ITHACA, N.Y. — In November 1992, more than 400 persons attended the National Milking Center Design Conference held in Harrisburg.

Now available is ***Milking Center Design,*** NRAES-66, the 312-page proceedings of this conference. Dairy farmers, farm advisers, veterinarians, cooperative extension agents, lenders, milk inspectors, sale personnel, and anyone involved in milk production may want this book.

The proceedings include 35 papers that cover all aspects of milking center design and construction. The papers are divided into eight sections.

The "Planning a Milking Center" section discusses economic and financial considerations as well as putting together a planning team.

Sections titled "Parlor Efficiency" and "Parlor Selection" provide information that will help decide the type of parlor that is right for a particular farm.

The "Keeping it Clean" section discusses regulations; water needs; cleaning requirements; and controlling, treating, and disposing milking center wastes.

The proceedings are rounded out with sections titled "Data Collection," "Worker/Animal Safety and Comfort," "Walls and Wiring," and "Milking Systems." This book is filled with illustrations and tables that provide information essential to designing a profitable and efficient milking center.

The conference program was planned by Stephen Spencer, professor of dairy science, and Robert Graves, professor of agricultural and biological engineering, both from The Pennsylvania State University. The authors include industry representatives, agricultural economists, agricultural engineers, animal scientists, and farm advisers from around the country.

Milking Center Design, NRAES-66, is available for $25 from the Northeast Regional Agricultural Engineering Service (NRAES), Cooperative Extension, 152 Riley-Robb Hall, Ithaca, NY 14853-5701.

The price includes postage and handling for U.S. orders only; foreign orders must be prepaid in U.S. funds.

Quantity discounts are as follows: 10-49 copies, $20.00 per copy; 50-99 copies, $17.50 per copy; and 100 or more copies, $15.00 per copy. Please make your checks payable to NRAES, or call (607) 255-7654 for more information. Call or write for a free publication catalog.

•P.A. DAIRY PROMOTION PROGRAM•
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Holstein Foundation Selects Leadership Training Candidates

BRATTLEBORO, Vt. — The future of the dairy industry depends on the ability of young leaders to make responsible decisions for themselves, their families and the industry.

With this in mind, the Holstein Foundation will introduce leadership training to 100 young dairy producers Feb. 9-13 at Tampa, Fla.

Called the Young Dairy Leaders Institute, the conference is to focus on public and persuasive speaking, debate, goal-setting and people-to-people skills. It is a three-part program in personal development for producers (regardless of breed) between the ages of 22 and 35 years.

Following the leadership training, participants are to use the following year to implement goals set.

The final phase is to come at the "Issues and Information" conference again held in Tampa, from Feb. 9-11, 1995.

The funding of the institute has come from agricultural corporations and organizations who serve the dairy industry.

Selectees are by breed (H) Holstein, (J) Jersey, (BS) Brown Swiss and (G) Guernsey.

Arkansas: Randy Spears, Farmington (H).

California: Daryl Nunes, Windsor (H), Leroy Rocha, Ceres (H).

Connecticut: Bonnie Burr, Brookfield (H), Kevin Douma, Bridgewater (H).

Florida: Kurt Alexander, Greenville (H), Edwin J. Henderson, Live Oak (H), David (Brad) Hester, Okeechobee (H), James Umphrey, Archer (H).

Georgia: Thomas H. Bell, Buckhead (H).

Idaho: Terry Downs, Parma (H).

Illinois: Ronald Fluegel, Lena (H), Jerry Gaffner, Greenville (H), Bill Hay, Mooseheart (H), Paul Rice, Sheldon (H).

Iowa: Lynae E. Engelken, Elgin (H), Carl Jardon, Randolph (H), John Sparrgrove, Castalia (H), Peggy M. Sparrgrove, Castalia (H), Robert Wonderlich, Ollie (H).

Kentucky: Gerry Davis, Eastwood (H), David McGlothlin, Richmond (H).

Louisiana: Holley Burford, Gloster (H).

Maryland: Jeffrey L. Harding, Millington (H).

Michigan: Jacqueline Barends, Fremont (H), Glen R. Feldpausch, St. Johns (H), Charles T. Koenn, Chelsea (H), Darwin D. Sneller, Sebewaing (H), Margery Webster, Elsie (H).

Minnesota: Paul Berning, Elk River (H), James Brown, Hastings (H), Connie L. Cihak, Lonsdale (H), James F. Cihak, Lonsdale (H), Peter Coyne, Cannon Falls (H), Myron Czech, Little Falls (H), Kathleen M. Eberhard, Oakdale (BS) (J), Gerald (Jerry) Jennissen, Brooten (H), Jill Marti, Sleepy Eye (H), Bonnie L. Mohr, Glencoe (H), John P. Mohr, Glencoe (H), Paul Trapp, Hastings (H).

Mississippi: Dennis March, Clinton (H).

Missouri: Katherine A. Borman, Kingdom City (H), Julie Brown, Mountain Grove (H), Daniel Scott, Fordland (H).

Nebraska: Kelly Eich, Geneva (H).

New York: Kenneth E. Brubaker, Whitesville (H), Catherine E. Conhiser, Allegany (H), Robert Haight, Oakfield (H), Julie Lincoln, Holcomb (H), Denise Lloyd, Middleburg (H).

North Carolina: Terry English, Marion (H), Lindley Ivey, Gibsonville (H), Terry Weaver, Bolton (H).

Ohio: Marcia Lahmers, Ashland (H), Bethann Niederman, Hamilton (H), Mark Yeazel, Eaton (H).

Oregon: Frank E. Ausman, Nyssa (H), Jerome Rosa, Gervais (H), Rodney M. Volbeda, Salem (H).

Pennsylvania: A. Duane Hershey, Cochranville (H), Marilyn K. Hershey, Cochranville (H), Karen Holtzinger, East Berlin (H), Kevin S. Holtzinger, East Berlin (H), James Houser, Spring Mills (H), Mary Ann Keith, Hopewell (H), Scott D. Kriebel, Stillwater (H), Leon Sollenberger, Everett (J).

South Carolina: Herbert Lutz, Chester (J) (G).

Tennessee: Deborah Boyd, Parrottsville (J), Mark Douthat, Mohawk (H), John Neal Scarlett, New Market (H), Brian Young, Manchester (H).

Utah: William Neil Brown, Santaquin (H).

Vermont: Martha Seifert, Orwell (H).

Virginia: Mark Newbill, Rocky Mount (H), David Yutzy, Timberville (H).

Washington: Kevin Fennell, Sunnyside (H), Robert Heerspink, Lynden (H).

Wisconsin: Lonnie Achenbach, Prairie du Chien (H), Timothy E. Baumgartner, Waukesha (H), Bruce Brunner, Pulaski (H), Carolyn L. Cowles, Roberts (H), Mark Crave, Waterloo (H), Wayne DeBuhr, Belmont (H), Brian Duffin, Brooklyn (H), Julie Duffin, Brooklyn (H), David F. Erf, Baraboo (G), Brian A. Herr, Newton (H), Peter Kappelman, Manitowoc (H), Michael Opperman, Fort Atkinson (BS), John Pagel, Kewaunee (H), Mark Rueth, Jefferson (H), Ray Scott, Highland (H), Kathleen Small, Thorp (H), Brenda Sosnovske, Waukesha (H), Keith Weltzien, Arcadia (H).

Canada: Jean DeBruin, Rockwood, Ontario (H), Louis Guimond, Wawanessa, Manitoba (BS).

Mexico: Everardo A. Lujan, Cd. Delicias, Chih. (H).

The Holstein Association of America endowed the Holstein Foundation in 1989. The Foundation operates independently with its own Board of Trustees and serves the educational needs of the entire dairy industry.

N.E. DHIA Reorganizes

ITHACA, N.Y. — Northeast DHIA held its 6th annual meeting recently in Ithaca, New York.

The meeting was attended by over 160 people, including 63 delegates representing the six-state Northeast service area.

Nelvin Empet, general manager of Northeast DHIA said, "The year-end financial results far exceeded the budget expectations." He also cited several successes of the cooperative during the past year.

Among those successes were:

1. The completion of Phase 1 of the Day-One project. The Cooperative now has over 170 field technicians equipped with laptop computers. This provides members with more timely information so decisions can be made before mail-back reports reach the farm.

2. Unbundled services to better serve the variety of needs within today's dairy industry. Now the cooperative can individualize report packages rather than having a few packages that attempt to meet the needs of over 5,000 members.

3. The formation of Dairy Management Technologies, a group dedicated to the sales and support of Dairy Comp 305 software, and Afikim electronic herd management systems. The two products are a logical extension of the cooperative mission to help improve the dairy herd.

4. Record sample volume in the DHIA Forage Lab. The Forage Lab continues to grow with an increase both here and abroad. The lab now has accounts in Canada, Mexico, South America, Japan, and Germany.

5. Growth of the Check Mark Lab and DHIA Milk Lab. Check Mark is the division that provides results to commercial accounts with control standards and component analysis for producer payment. The new bacteriology lab is scheduled to begin operations in 1994 to further increase the services provided by Check Mark Lab.

In other news, Northeast DHIA board reorganization resulted in the election of Dave Chamberlain of Wyoming, New York as president, Hal Bodwell of Kensington, New Hampshire as vice president, and Tom Jaques of Hudson, New York as secretary/treasurer.

Beef Council Sets Annual Meeting

HARRISBURG (Dauphin Co.) — A review of demand-building beef and veal checkoff programs will highlight the annual meeting and banquet of the Pennsylvania Beef Council, to be held on Wednesday, January 12, at the Harrisburg Hilton hotel.

The annual meeting will begin at 6:30 p.m., and will feature Linda Pulliam who has addressed various agricultural groups across the nation.

In addition to Pulliam's comments, attendees will be given information which reviews state activities conducted by the Pennsylvania Beef Council the past year, and an outline of future program direction.

The meeting and banquet are open to the public. Banquet reservations are required, and are available by contacting the Pennsylvania Beef Council's office at (800) 572-2020.

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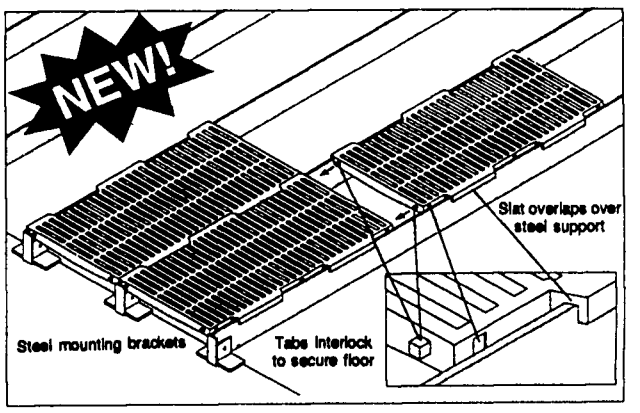

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GEORGE F.W. HAENLEIN
Extension Dairy Specialist
University of Delaware

NEWARK, Del. — Milking 30,000 pounds per cow per year for a total herd! Sounds fantastic? A few years ago, yes, but not anymore.

We've come a long way in one generation of dairying. Where will it all end? And what will the economic and biological consequences be?

When I took over the University of Delaware dairy herd in 1957, our Holsteins milked 8,000 pounds per year. Now, after 36 years, we milk more than 20,000 pounds per cow per year in the Holstein herd. This is a progression of more than 300 pounds milk per cow for each year.

What other branch of animal agriculture can boast such a success story?

Today's pig litters are about the same number weaned as 36 years ago, and ewes still raise the same number of lambs as then.

But the research of land-grant Agricultural Experiment Stations in better dairy feeding rations, the wide acceptance of artificial insemination of genetically superior dairy sires, and the wide use of DHIA for collecting monthly data on sire-proving and herd-culling management are the unique tools in dairying that made this phenomenal progress possible.

All this was achieved even before bST and other biotechnology techniques arrived on the scene.

Artificial insemination is used in 95 percent of cows and 88 percent of heifers in high-producing U.S. herds, according to a recent survey published in the October issue of the *Journal of Dairy Science*. It also revealed that cows that milk more make, on average, more money than lower producers despite higher feed costs. And dairy feeding rations have become much more sophisticated than the former pasture management.

Much like race horse owners who have long depended on potions, supplements and secret practices, dairy farmers now require the services of nutrition consultants and nutrition-educated veterinarians to remain ahead of their high-producing cows.

DHIA monthly data has been the backbone for evaluating cow progress, not just for the traditional registered breeder, but increasingly for the commercial dairy farmer. The current electronic revolution is on the brink of joining, or even overtaking, DHIA daily individual cow supervision.

In 1960 our university dairy herd left the traditional stanchion barn and its manual cow feeding, bedding and manure removal for a loose-housing barn, first with a general manure pack bedding, then with free stalls.

We instituted individualized electronic grain feeding of at least six meals per day and began to record electronically daily individual milk production data plus temperature and activity records. We also advanced to electronic calf milk nursing at least six meals per day.

What's next? Most likely, the practice of cows and calves feeding themselves at least six meals (whenever they want a meal) in a 24-hour period will be extended to milking.

This will occur when the technology, which already exists, meets the required sanitary health standards of cow udders and milk.

Cows milking more than 100 pounds per day already have so much built up pressure in their udders that it's beneficial to milk more than the traditional two times in a 24-hour period. And a three-times-a-day milking procedure is usually rewarded by those high milking cows with about 10 percent more milk, which pays for the extra labor.

The electronic feeding of at least six meals per day is already helping those high milkers to maintain that level of production.

The most important variable in high milk production is the daily feed intake level, specifically dry matter intake and its nutrient density.

The nutrition research here at Delaware has lead to unique ways of increasing the nutrient density of the dairy ration-wafering, pelleting, extruding, fat addition, rumen protection of fat and protein — in addition to other fortifying and buffering supplements. Dairy farmers are already making profitable use of these innovations.

On the other hand, electronic evaluation and management is just beginning and, for the most part, only on larger farms.

As of last month, DHIA in all of the Northeast is now 100 percent electronic, meaning that the mailing of herd records from the farm has been replaced by phone transmission from a portable computer operated by the DHIA supervisor and/or the dairy farmer.

The next day the dairy farmers can retrieve herd records from their home computers, connected by phone with the computing center.

They can get as many different reports as they need for their management, a consultant, the veterinarian or a buyer interested in some herd animals.

All this is leading up to the 30,000-pound herd, not 30 years from now, but probably much sooner.

Such a high level of annual milk production is still unusual and requires many days of milking more than 100 pounds per day. However, at least one herd in the Northeast is already milking four times per day. This practice not only reduces the pressure for the high-milking cows, but adds extra milk per day.

Once the electronic self-milking of cows becomes reality, cows will be able to go for milking six times in a 24-hour period, as they do now for feeding grain. That's when the 30,000-pound herd will become reality. By then, we will have researched new ways of keeping these cows well fed, so that they can sustain the high levels of milk production.

A good example is recent research from Nebraska involving 36 high-milking Holsteins. When almost half of the corn silage ration was replaced by soybean hulls and an additional third was replaced by chopped hay, the cows ate more, averaging a formerly incredible 4.7 percentage of bodyweight and producing 10 pounds more milk per day than the control cows.

In this difficult year of poor corn yields and poor corn silage, this research is interesting, helping dairy farmers to maintain their milk income by maintaining high-milking cows.

In the past, when silage or hay was poor, we tried to help ourselves with cottonseed as a supplement (it also has fiber value). Yet we always worried about the gossypol content of cottonseed and the moldiness that tends to develop, especially during a humid winter.

The new nutrition research proves that there is value in high amounts of soybean hulls, up to 25 percent of daily total dry matter intake by cows. This helps maintain high milk production, not only early in lactation but also in mid-lactation, while holding milkfat test and increasing milk protein test.

Recent research from Wisconsin showed that cows milked four times per day had increased milk production per day, and those milked eight times a day had even more milk.

Cows milked more than four times appear not to require complete milking out each time, and they don't require pre-milking stimulus as much as low producers do.

This conclusion is contrary to the traditional one-minute letdown stimulation of long standing in dairy science teaching.

These results are similar to what we already know about dairy goat milking.

When goats milk 2 gallons per day, equal to 10 percent of bodyweight, they don't require much pre-milking stimulation and they easily eat between 4 to 5 percent dry matter per day. This is a level that we are just beginning to reach with 30,000-pound dairy cow herds.

Our university research with the new Stimopulse feature of electronic milking bears this out as well. High-milking cows really have a much faster letdown reflex time than the traditional one minute.

So as a new year approaches, we dairy farmers can be confident about the future.

With more land-grant Agricultural Experiment Station research; more artificial insemination and embryo transfer; and electronic feeding, milking and record keeping, we will reach 30,000-pound herd averages sooner than we reached 20,000-pound herd averages. In turn, we can expect new levels of herd income with far less labor. Happy New Year!

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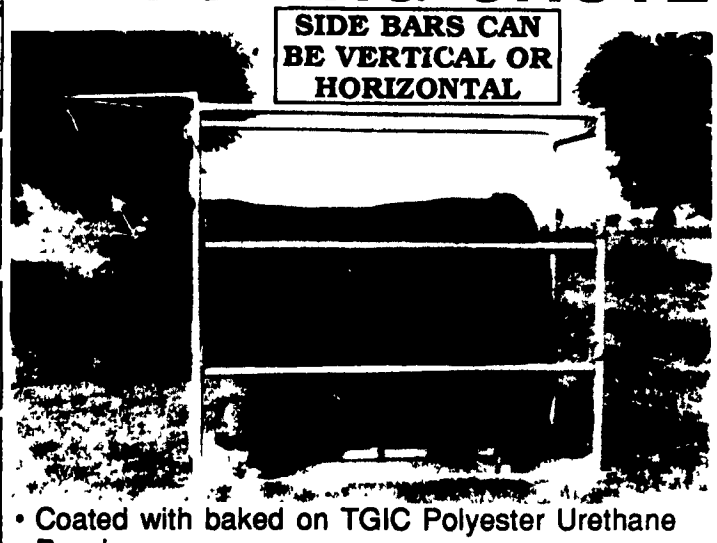

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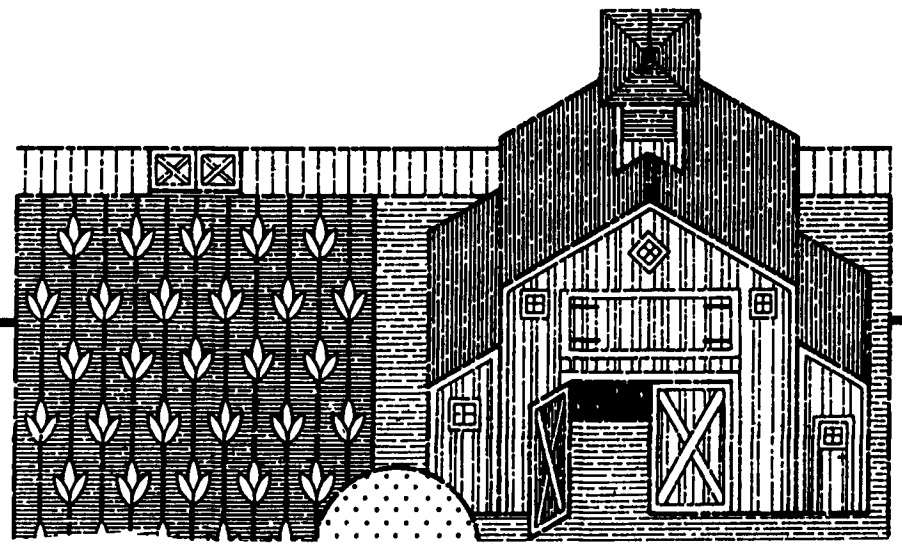

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Swine Satellite Short Course Set

LANCASTER (Lancaster Co.) — Penn State Extension now has satellite broadcasting capabilities at the Lancaster Farm and Home Center and will be presenting a program by Purdue University entitled "Improving Swine Production Efficiency."

The program involves three sessions with midwestern university swine specialists, veterinarians, and experienced swine producers discussing and demonstrating various aspects and new methods of swine production.

The short course will be held from 8 p.m. to 10 p.m. on January 11, 18, and 25, and will include panel discussions, prerecorded segments, and opportunities to call in questions to panel members.

The January 11 telecourse will feature information on environmental laws impacting livestock producers, manure management plans, improving air quality, and employer-employee relations with an emphasis on father-son arrangements.

Topics on January 18 include using records to evaluate change in a hog operation, keys to a successful hog operation, maintaining grain quality in storage, and porcine reproductive and respiratory syndrome (PRRS, or Mystery Swine Disease).

Strategies for small producers, marketing and purchasing co-ops: troubleshooting ventilation problems; and how artificial insemination can work for individual producers will be discussed during the January 25 telecourse.

The telecourse is sponsored by the Purdue University Cooperative Extension service and is supported by Pfizer Inc., Pig Improvement Co. Inc., Indiana Pork Producers Association, National Pork Producers Council, and Moorman Manufacturing Co.

Preregistration is required by calling the Lancaster extension office, (717) 394-6851.

County Sets Dairy Day

BROOKVILLE (Jefferson Co.) — The Penn State Cooperative Extension Offices of Jefferson and Clearfield counties announce that the annual Dairy/Crops Day will be held on January 31, at the Ramada Inn, DuBois.

There will be tables (six feet long) available for you to reserve at $15 each to display your supplies or services available to area farmers. Setup time will begin at 8:30 a.m., with farmers registering from 9 a.m. to 9:30 a.m.

There is a $10 per person registration fee to cover the costs of lunch and morning milk, coffee, pastries.

For more information, call Susan Du Four, (814) 849-7361.

MILK AMERICA'S HEALTH KICK

Farm Forum

(Continued from Page A10)

was adored at every track where I stabled my horses and the long list of those who said, "...if you ever decide to give him away, please let me know." But these memories are quickly washed away with my tears as he lay breathing somewhat laboriously, trying to compensate for the restricted blood supply to his lungs.

Though I was told by someone very dear to me to "stop beating yourself up", it was more of a touching response to my grief than to the sadness of the situation. *All this could have been prevented had I given the Big Guy his heartworm medicine every month,* a thought that will stay with me until we join up again.

I share this lamentable experience at the expense of my reputed "way with animals." This is a small price to pay, if one reader changes course and becomes a pet owner more responsible than was I.

Should this happen, we can all thank *Rocky* for being.

Dick Brooks
Repaupo, N.J.

Note: For those who are concerned with Rocky's immediate needs, at this writing he is not in pain though he is experiencing some discomfort. This has been minimized with painkillers. If it was otherwise, the vet would have put him down earlier today.

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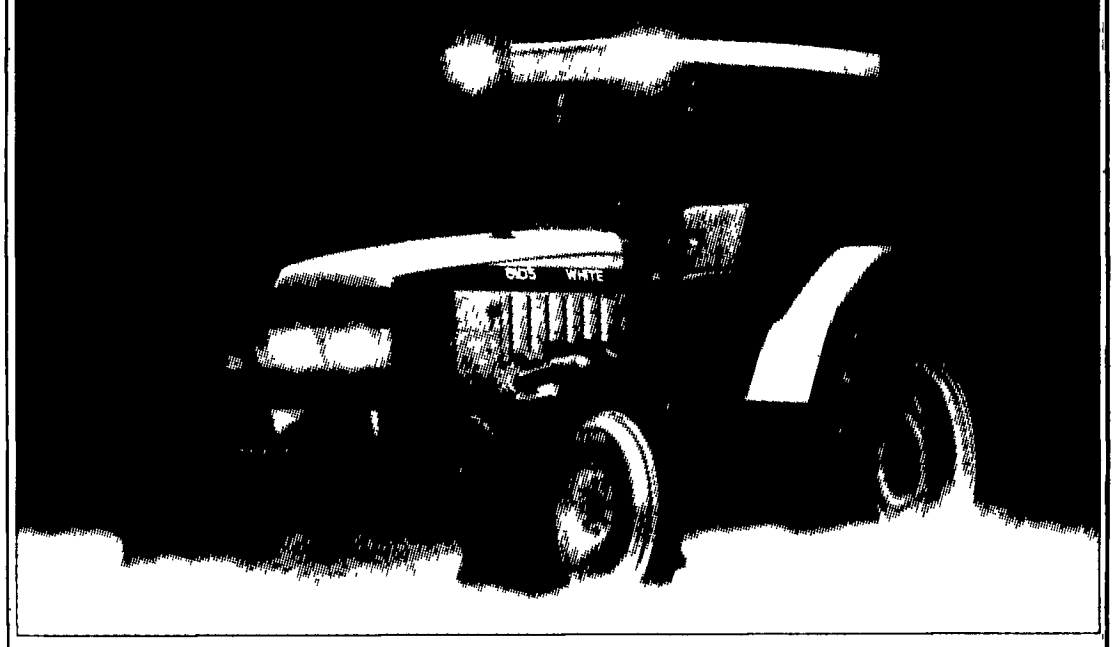

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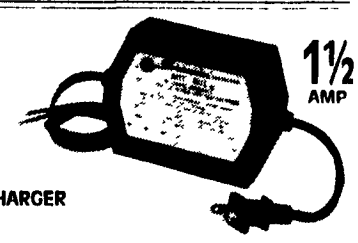

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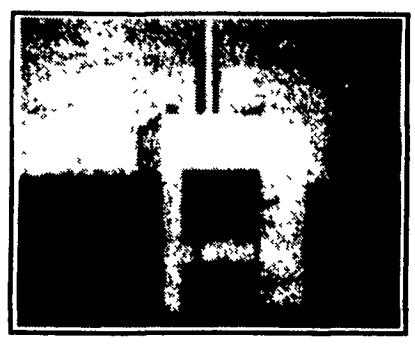

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Polls Show High Confidence In Dairy

(Continued from Page A1)

other national medical organization," said C. Manly Molpus, chief executive officer of GMA.

Only 17 percent of those households polled said they had "heard or read anything about milk in the news lately." Of the 17 percent, less than half associated the news with BST. None of the small minority who said they decreased their milk consumption cited BST as the reason.

"It's heartening to know that when Americans gave thanks this past weekend they did so with the full confidence that one of our country's great foods is as safe and wholesome as ever," said Molpus.

Across all three polls, there was very little change in the combined percentage of consumers whose milk consumption either stayed the same or increased.

However, the percentage of consumers who reported increases in milk consumption actually rose, climbing from 7.9 percent in the first survey to 9.8 percent and 12.8 percent over the last two. (These gains obviously reduced the percentage of respondents who reported either the same or decreased milk consumption.)

Among the three surveys, consumers' rating of their "trust" in the milk supply also varied by no more than one point (respondents were asked to rate their trust in milk on a scale of 1 to 100). Consistently, consumer trust in milk rated better than tap water and equal to or better than orange juice.

All three surveys were conducted by ICR Survey Research Group in Media, Pennsylvania. Each survey polled more than 1,000 households (half of the respondents were women) and reflects a 95 percent confidence level, plus or minus 3.1 percent. The most recent survey was conducted Nov. 26-28. The other surveys were conducted Nov. 5-7 and Nov. 12-14.

GMA is the national trade association for more than 130 U.S. and international companies that manufacture 85 percent of the food and grocery products primarily sold in retail outlets. Member companies employ more than 2.5 million people and have total annual sales exceeding $360 billion.

Milk Program Comments Due

LEESPORT (Berks Co.) — Milk producers and others interested are invited to comment on USDA's supplemental proposal prohibiting excessive manufacturing allowances in state marketing orders for milk. The public comment period ends January 31.

Under the supplemental proposal, states, to be in compliance, would require plants to pay a price for milk used in the production of cheese or butter and nonfat dry milk that is no less than the respective Class III or Class III-A price effective in the Federal Milk Order operating in the competitive area.

Under the original proposal, states using formulas to price milk used to produce butter, nonfat dry milk, or cheese could not use manufacturing allowances greater than those used in the federal price support program.

Richard Troutman, chairman of the Berks County Agricultural Stabilization and Conservation Service (ASCS), said the current price support allowance are $1.22 per hundredweight for milk made into butter and nonfat dry milk and $1.37 for milk made into cheese.

"Written comments on the supplemental proposal, the original proposal, and other available options must be received no later than January 31, the final deadline, to be considered," Troutman said.

Comments should be addressed to Dr. Charles N. Shaw, Director, Dairy Analysis Division, ASCS-USDA, P.O. Box 2415, Washington, D.C., 20013. The remarks will be available for public inspection in Room 3754-S during normal business hours.

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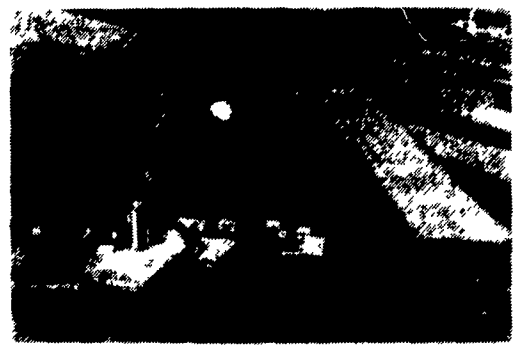
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Hallmark Pool - In ground kidney shaped 20'x40' with 2 year old filter and 14'x20' pavilion next to the pool. Real Estate Goes on the Block at 12:00 Noon.
Directions: Go 1 mile north of Lebanon on Route 343, turn left onto Kochenderfer Road, first farm on right.
Directions From Fredericksburg - Go 5 miles south of Fredericksburg, PA on Route 343 and turn right onto Kochenderfer Road, 1st farm on right, see auction signs.
INSPECTION: By calling auctioneer.
AUCTIONEER NOTE: If you are looking for a Grade-A operating dairy farm all set up ready to go, this is it. Everything is modern and handy. Just move your cows right in. Owner ships to Wengert's Dairy, one of the premier dairies in the area.
REASON FOR AUCTION: Owner purchased another farm.
FULL LISTING OF TOOLS AND FARM EQUIPMENT IN FUTURE ADS.
CONDITIONS BY:
DENNIS & WENDY SHOWERS
ATTORNEY: Samuel G. Weiss, Jr.
AUCTION CONDUCTED BY:
NELSON L. EBERSOLE, AUCTIONEER
LICENSE # - AU-001307-L
PHONE (717) 867-5221
FAX (717) 867-5606
30 WEST MAIN STREET
ANNVILLE, PA. 17003
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AUCTION CENTRE, INC.
PENNYPACKER-ANDREWS AUCTION CENTRE, INC.
LARGE ESTATE ANTIQUE & CLEAN MODERN FURNITURE
AUCTION
SAT., JAN. 8, 1994
9:00 A.M.
Exhibition: Friday, January 7 - 5:00 to 8:00 P.M.
Located at Our Centre Along Rt. 183, 3 Miles North of The Reading Regional Airport, Reading, PA.
10 Pc. Mahogany & 8 Pc. Depression Dining Room Suite; 4 Pc. Mahogany Bedroom Suite; 2 & 7 Pc. Victorian Parlor Suites; 3 Pc. Mahogany Cabriole Leg Tables; Claw & Ball Mahogany Tilt Top Table, Camelback Bassett Sofa, Wingback Chairs; Hepplewhite-Style Game Table; Full Size Carousel Horse; 4 Pc. Pecan Wood Bedroom Suite; Ling Corner Cabinet; Mahogany Chest of Drawers & Washstand; Oak Clawfoot Morris Chair, Mahogany Slant Front Bookcase Desk, Blanket Chests; Drop Leaf Table; Dough Trays; Brass Cash Register; Quilts; Coverlets; Baskets; Oils on Canvas & Prints; Orientalia-Woodblock Prints, Ivory Figures, Teak Screen, Chargers, Foreign Tokens & Monies; Hand-Painted China - Noritake, Nippon, Bavaria, Austria, Limoges-Vases, Bowls, Plates, Capodi-Monte, etc.; Sterling & Silver Plated Items; Cut-Blown-Pressed Glass Pcs.; Millville Paperweights; Etched Stemware; Estate & Costume Jewelry; Antique Halloween Decorations; Wind-Up Vehicles; Games; Gingerbread & Mantel Clocks; Carnival Glass; Modern Bedroom & Dining Room Suites; Karastan Room Size Rug; Sets of Bedding; Antique Reference & Local Area Books & Many Other Fine Items.
10% Buyers Premium, 2 Auctioneers Will Be Selling Simultaneously.
Cathy M. Pennypacker-Andrews
Luke R. Witman
(610) 777-6121 or 777-5890
Lic. #AU-001254-L

FOCUS

dhia

Dixie L. Burris, Membership Development,
Call 1-800-DHI-TEST for information.
Pennsylvania Dairy Herd Improvement Association
DHIA Service Center, Orchard Road, University Park, PA 16802

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — These data are calculated using information pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from about one-fourth of the herds across the state.

DHIA Averages for all herds processed between 12/4/93 and 12/11/93

Number of Herds Processed	1,122
Number of Cows Processed	65,632
Number of Cows Per Herd	58.4
Milk Per Cow (Lbs)	18,498
%-Fat	3.66
Fat Per Cow (Lbs)	677
%-Protein	3.18
Protein Per Cow (Lbs)	589
Average Days in Milk Per Cow	318
*Value for CWT Milk($)	12.68
*Value for CWT Grain($)	7.83
*Value for CWT Hay($)	4.19
*Value for CWT Silage($)	1.51
*Value for Pasture Per Day($)	.29
*Value for Milk Per Cow Per Year($)	2,346
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,302
B: Hay	2,232
C: Silage	15,051
D: Day Pasture	57
*Feed Cost Per Cow Per Year($)	
A: Grain	572
B: Hay	93
C: Silage	228
D: Pasture	16
*Total Feed Cost Per Cow Per Year($)	910
*Income Over Feed Costs Per Year($)	1,436
*Grain to Milk Ratio	1:2.5
*Feed Cost Per CWT Milk($)	4.92
Avg Level For 1,012 SCC Herds	334,366

*Member-generated figures

Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.82 bu. 5.05 cwt.

Wheat, No. 2 - 3.51 bu. 5.86 cwt.

Barley, No. 3 - 2.24 bu. 4.79 cwt.

Oats, No. 2 - 1.62 bu. 5.05 cwt.

Soybeans, No. 1 - 6.47 bu. 10.80 cwt.

Ear Corn - old 60.50 ton 3.85 cwt.

Ear Corn - new 77.03 ton 3.03.

Alfalfa Hay - 111.88 ton 5.59 cwt.

Mixed Hay - 100.75 ton 5.04 cwt.

Keystone Public Auto Exchange, Rt. 22/322 Between Dauphin & Clarks Ferry Bridge

AUTOMOBILE & TRUCK AUCTION

31 Banks And Lending Institutions Offer
Approx. 175 Bank Vehicles

SATURDAY, JANUARY 8TH, 1994 AT 10:00 A.M.
(SNOW DATE - JANUARY 15TH)

1993 Geo Storm, 5 Spd, A/C, Green, 12,000 (M)
1993 Buick Skylark, Green, 21,000 (M)
1992 Ford Explorer, 4 Dr, Eddie Baur, Brown, 55,000 (M)
1992 Dodge Shadow
1992 Mercury Tracer
1992 Chevy Lumina, 62,000 (M)
1992 Subaru Loyale Sdn, 5 Spd, Loaded, Blue, 35,000 (M)
1992 Chevy C1500 W/T, 6 Cyl, AT, A/C, Red, 18,000 (M)
1992 Ford Ranger 4x4 Tk
1991 Jaguar XJ6
1991 Nissan Pathfinder, Maroon, 29,000 (M)
1991 Cadillac Eldorado CP, Tan, 58,000 (M)
1991 Cadillac Eldorado CP, Blue, 47,000 (M)
1991 Buick Skylark
1991 Cadillac Deville, Silver, 55,000 (M)
1991 Mazda MX6, White, 51,000 (M)
1991 Mazda Navajo LX 4x4, White, 93,000 (M)
1991 Mazda Navajo LX 4x4, Black, 62,000 (M)
1991 Isuzu Stylus X5, Maroon, 52,000 (M)
1991 Ford Conversion Van, Blue/Silver, 29,000 (M)
1991 Ford Tempo GL Sdn, Gray, 70,000 (M)
1991 Lincoln Continental, 83,000 (M)
1990 Chevy S10 Tk, 83,000 (M)
1990 Hyundai Excel CP, White
1990 Ford Probe LX, 5 Spd, A/C, Black, 49,000 (M)
1990 Olds Regency, Black, 59,000 (M)
1990 Cadillac Fleetwood, Black, 143,000 (M)
1990 Olds Cutlass Supreme, Dk Blue, 26,000 (M)
1990 Chevy S10 Blazer, V6, Black, 64,000 (M)
1990 GMC Sierra
1990 Chevy Blazer
1990 Hyundai Excel GL, Black, 62,000 (M)
1990 Toyota Tercel CP, White, 72,000 (M)
1990 Ford Bronco II XLT, V6, Ld, Gray/Silver, 66,000 (M)
1990 Pontiac Transport SE, White, 50,000 (M)
1990 BMW 525i, Silver, 61,000 (M)
1989 Mercedes 560 SEL, White, 68,000 (M)
1989 Chevy Cavalier CP
1989 Jeep Cherokee 4x4, AT, A/C, Gray, 51,000 (M)
1989 Dodge Dakota LE 4x4, V6, Blue, 45,000 (M)
1989 Mercury Cougar LS, V6, Blue, 74,000 (M)
1989 Ford Ranger, White, 124,000 (M)
1989 Lincoln Mark VII, Black, 40,000 (M)
1989 Jeep Cherokee Pioneer, Black, 84,000 (M)
1989 Dodge Caravan LE, Black, 74,000 (M)
1989 Dodge Caravan SE, Maroon, 65,000 (M)
1989 Ford F250 4x4, V8, AT, A/C, Gray, 64,000 (M)
1989 Chevy Beretta, V6, Blue, 96,000 (M)
1989 Ford Probe GL, Red, 33,000 (M)
1989 Lincoln Continental, Gray, 39,000 (M)
1989 Dodge Caravan SE, AT, A/C, Blue, 76,000 (M)
1989 Chevy S10 Blazer
1989 Mitsubishi Precis RS, White, 74,000 (M)
1989 Ford Probe GL, AT, A/C, Silver, 65,000 (M)
1989 GMC 7000 Mobile Home Hauler, 19,000 (M)
1989 Ford F150, Green, 53,000 (M)
1989 Chrysler Lebaron CP, Black, 42,000 (M)
1989 Cadillac Brougham, Blue, 61,000 (M)
1989 Chevy Suburban 4x4, Gray/Black, 74,000 (M)
1989 Olds Regency 98 Brougham, Beige, 75,000 (M)
1989 Buick Regal, Red
1989 Ford Escort, Black
1989 Mazda 626, White
1988 Ford Bronco II, 82,000 (M)
1988 Sterling 825 S, Burgundy
1988 Mercedes 300 CE, White, 75,000 (M)
1988 Ford Ranger
1988 Mazda 323, AT, A/C, 86,000 (M)
1988 Pontiac Firebird, Red, 66,000 (M)
1988 Chevy Cavalier Sdn
1988 Chevy Beretta CP, Silver, 86,000 (M)
1988 Ford Tempo GL, Blue, 102,000 (M)
1988 Ford Bronco XLT, V8, Gray, 70,000 (M)
1988 Chevy Nova, Red
1987 Olds Calais
1987 Chevy Cavalier Z24, Red
1987 Plymouth Voyager SE, V6, Blue
1986 Cadillac Eldorado, 72,000 (M)
1986 Mercedes 560 SEL, Gold, 116,000 (M)
1986 Ford T-Bird, V6, AT, Loaded
1986 Chevy Cavalier Sdn, Blue, 93,000 (M)
1986 Cadillac Eldorado, 99,000 (M)
1985 Dodge Ram 100, AT, A/C, Gray
1985 Mercury Grand Marquis, Maroon
1985 Olds Cutlass Cruiser, SW
1984 Nissan Stanza
1983 Chevy Cavalier
1982 Chevy Malibu Classic
1981 Delorean Gullwing

ALL VEHICLES LISTED ABOVE ARE SOLD "AS IS". TERMS: PUBLIC BUYERS - CASH ONLY DEPOSIT OF $700.00 PLUS ADDITIONAL 25% OF PURCHASE PRICE IN CASH OR CERTIFIED CHECK ON DAY OF AUCTION. BALANCE DUE NEXT BUSINESS DAY IN CASH OR CERTIFIED CHECK ONLY!! NO EXCEPTIONS!! DEALER CHECKS ACCEPTED. TEMP. TAGS ISSUED W/PROOF OF INSURANCE. TITLE WORK COMPLETED BY AUCTION. NOTARY ON PREMISES. PLENTY OF PARKING AND FOOD. CALL: 717-921-2200 FOR CONSIGNMENT INFORMATION.
THIS IS A PARTIAL LISTING OF VEHICLES. THERE WILL BE APPROX. 75 MORE BANK VEHICLES AND OFF LEASE VEHICLES EXPECTED IN THE SALE
NOTE: GMAC WILL OFFER APPROX. 15 UNITS TO DEALERS ONLY WITH THE RIGHT TO ACCEPT OR REJECT THE BIDS RUNNING IN THE "B LANE" AT APPROX. 11:00.
Information believed to be accurate but not guaranteed and subject to change or redemption.
APPROX. 150 DEALER AND PUBLIC UNITS IN ADDITION WILL ALSO BE AVAILABLE FOR SALE DAY
IF YOU WISH TO SELL A VEHICLE, CALL NOW FOR INFO: 717-921-2200.
PLEASE NOTE: CHILDREN UNDER 16 YRS OF AGE WILL NOT BE ADMITTED UNDER ANY CIRCUMSTANCES!!

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AH-000057-L

Public Auction

SATURDAY
JANUARY 29, 1994
10:00 A.M.

FARM EQUIPMENT MULES DRIVING HORSES

LOCATION: 325 Beechdale Road, E. Lampeter Twp., Lancaster Co., Pa. From Rt. 340 In Bird In Hand - North On Beechdale Rd. At Underpass To 1st Farm On Right.

20 HEAD MULES 4 DRIVING HORSES
Inc. 1 Fancy Morgan

Open buggy; breaking cart; lots of hitches and accessories - some new. Horses & mules will be hitched on Friday, Jan. 28 from 12:00 to 3:00.

Full line of farm machinery, dairy and farm related items & crops. All day auction.

Auction by
DAVID S. & SARAH S. LANTZ

HARRY H. BACHMAN AUCTIONEER
AU-000033-L
138 College Avenue-Annville, PA 17003
(717) 867-1809

Assisted by
STONEHURST FARMS
(717) 687-7475

ALL DAY SEMINAR WITH MURRAY BAST
JANUARY 18, 1994

Program will be held at Yoder's Restaurant
New Holland, PA
9:15 a.m. - 3:30 p.m. with family-style meal

Murray Bast, well-known lecturer and farmer from Ontario, Canada, has farmed for 20 years without chemicals on his soil. His dairy herd has been without drugs, vaccines or hormones for 16 years. He has experience in grazing and problems that molds are causing in our plants and soils. He has spent much time and money studying the connection between the health of the soil, plant, animals, and humans.

Murray presently operates a business specializing in helping farmers find holistic, non-toxic ways of healing the soil, plants, animals and themselves. He has set up a small laboratory and is doing Darkfield microscopy work on blood, milk and plant saps.

Murray's thoughts on our food supply are both interesting and provocative.

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(Snow Date: January 19, 1994)

No-Till Tomato Planting Is Meeting Topic

SCRANTON (Lackawanna Co.) — Dr. Ron Morse, Virginia University, will be the principal speaker at the Northeast Regional Tomato Growers meeting on January 6 at Thompson's Dairy Bar in Lackawanna County.

Developer of the subsurface tiller - transplanter that requires no plowing or tillage for tomato production, Morse will explain the research and development of the planter and its use in other states. A demonstration planting of two acres of tomatoes was made this past season in Lackawanna County and the results will be shown.

Don Daum, Penn State extension ag engineer, will explain the use of row crop sprayers using lower volumes of materials and air assisted methods to improve plant coverage.

All commercial tomato growers, both fresh market and processing, are invited to attend the meeting at 9:30 a.m. on Thursday, January 6. Reservations are $10 and should be mailed to the Lackawanna County Cooperative Extension, 200 Adams Avenue, Scranton, PA 18503 by December 31. Directions to the meeting place are available on request by calling the extension office at (717) 963-6842. Phone reservations will be taken up to January 3.

Meeting topics will include information on record keeping systems for pesticide use and integrated programs for disease control. Other speakers on the program are Dr. Alan MacNab, plant pathologist and Dr. Cyril Smith, plant nutritionist, both from Penn State University; Charles Miller, Chesapeake Bay technician; Don Overdorff and Tom Jurchak, county extension agents; and Joseph Colangelo, Pennsylvania Department of Agriculture.

AUCTION
REAL ESTATE
FIVE UNIT RENTAL HOUSE

Auction Held On Site Along Rt. 897 In Salisburg Township, Lancaster County, Pa.

Saturday, January 22, 1994
1:00 P.M.

Approximately One Acre Land Improvements Consist Of A 2 Story Stone House 2 Mile North Of White Horse 4 Mile South East Of New Holland, New Well And Sewage 1991.
Unit #1 Has Eat-In Kitchen, 2 Bedrooms With Cook Stove.
Unit #2 Has Eat-In Kitchen, 2 Bedrooms, Cook Stove, Refrigerator.
Unit #3 Kitchen, 2 Bedrooms, Cook Stove.
Unit #4 Kitchen, 2 Bedrooms, Cook Stove, Refrigerator.
Unit #5 Kitchen, 2 Bedrooms, Cook Stove, Has Upstairs Access.
All Units Have Bath, Electric Ceiling Heating, Separate Meters And Controls, Wall To Wall Carpet, Coin Operated Laundry, Back Up Lights, Separate Hot Water Heaters. House Restored In 1980.
Terms: 10% Down Sale Day, Final Settlement By March 22, 1994.
Shown By Appt. Call 215-857-3534 Or 375-1322 Or Call Auct. 215-593-2828.

Owners: MOSE & NANCY FISHER

Auct.
Steve
Steve Jr. Petersheim
215-593-AUCT
AU 001349L

PUBLIC AUCTION
Farm Machinery - Six Draft Horses - Sputnick - White Horse Plow - Spring Wagon
Tuesday, February 1, 1994
9:00 AM

Auction held for Sylvan & Sarah Stoltzfus on Spring Garden Road, 2 miles S. of Route 340 in Lancaster County, Pennsylvania, six miles East of Intercourse, 2 miles West of White Horse.

Horses - Harness - Hitches

Pair of sorrel geldings, good team; 5 yr. old mare, 7 yr. old mare; 11 yr. old mare; 17 month old colt; 3 top lead horses in this group; 6 sets of harness; double trees, etc.; 5 yr. old and colt out of Stoltzfus mares by Elmer Lapp's horse.

Farm Machinery

White Horse 192 - two way plow, new 1992; John Deere 28 discs disc harrow; two 3 section spring tooth harrows; New Holland 456 mower, hyd. control; New Holland 404 crimper; 2 flat bed wagons; McDeering No. 9 mower; Zimmerman 36' elevator log field roller; International 1 PR corn picker; 2 gravity bin wagons; McDeering ground drive corn binder; 38 hp AC engine; 2 New Idea No. 10 manure spreaders, 1 in excellent condition; New Idea transplanter, large barrel; John Deere 2 horse cultivator; Ontario grain drill; 2 Kicker tedders; 2 forecarts; wire roller; N.H. silage cutter; 5,000 tobacco lath; 2 Scenic Road silage carts; **Petersheim built manure pump, new '91;** Stoltzfus built liquid manure spreader.

Barn and Milking Equipment

3 DeLaval milker units, extra pail; Sputnick milk mover; 2 air compressors, 5 and 3 hp, new '92; wheelbarrow; wood-coal stove space heater; more items not listed; 2-3 wagon loads of small items.

Auctioneer:
Steve
Steve Jr. Petersheim
215-593-AUCT AU 001349L
Food on Premises

AUCTION
Tuesday, April 5, 1994
9:30 A.M.

Farm Machinery - Milking Equipment - Pipeline Milker - Silo Unloaders - Manure Handling Equipment
Chester County, Pa. on Forge Rd., Oxford, Pa.

GLEN FREESE

Auct.
Steve
Steve, Jr. Petersheim
AU001349L
215-593-2828

PUBLIC AUCTION
Seven Head Mules - Farm Machinery
60 Ton Of Hay - 110 Ton Ear Corn
Three 60 Lb. Westfalia Bio Milker Units
Sputnick Milk Mover - 8 Sets Of Harness
Thursday, January 13, 1994
9:30 A.M.
Auction held for Amos K. & Sally Ebersol at the farm in Lancaster County, Pennsylvania on the corner of Churchtown and Cambridge Roads, four miles North of Route 340, 2 miles South of Route 322, 5 miles Southwest of Honey Brook.

Mules - Harness - Hitches

Two pair of molly mules; 3 single mules, 2 mollies, 1 jack mule; all well broke, field ready, smooth mouth; eight sets of front gears; collars; bridles; 3-4-5-6 horse hitches; 3 horse spreader hitch; 1 set of driving harness.

Feed

Approx. 35 ton good alfalfa, 1-2-3rd cutting; approx. 15 ton mixed heifer hay; approx. 8 ton mixed horse hay; approx. 110 ton ear corn, approx. 2-55 ton cribs.

Milk & Barn Equipment

3 Westfalia milker units, new '91; Sputnick milk mover, air tires, excellent condition; 70 lb. milker bucket; stainless steel twin tubs; Bender milker washer with rinse tub; Parmak 12 volt fencer; 2 feed carts; broom - shovels; milk house supplies; 3 calf hutches; 40 hole stocked bolt bin; five 5' circulating fans with belts for 40 cow barn.

Farm Machinery

White Horse machine 2 way plow, rebuilt '92; John Deere 24 discs disc harrow; 3 section spring tooth harrow; Brillion 9' cultipacker mulcher; New Holland 456 mower, hyd. controls, new 1988 with tiger jaw knives; New Idea crimper; New Holland 256 rake; New Holland super hayliner baler with engine; 12 volt Gandy applicator sells separate; Farmec 32' elevator; hyd. motor, 50' hose sells separate; 2 flat bed wagons, one with Zook gear; John Deere 999 corn planter with plateless hoppers; New Idea 323 corn picker; 4 cyl. Wisconsin engine with clutch reduction; New Holland gravity bin wagon with Grove gear; 200 gallon boom field sprayer with roller pump; 5 h.p. Briggs engine, new '92; Stoltzfus built liquid manure spreader with auger, new '91; New Idea 12A manure spreader; New Idea transplanter; 2 horse McDeering cultivator; 2 Perry harrows; 1 in good condition; John Deere 7 ft. bar mower with engine on chassis; 3 forecarts, 1 with steering; 4800 tobacco lath; Minnick tobacco press; gang lawn mower; 15 wagon tongues; **Forage Harvester table, new '92;** corn slide for flat bed wagon; one wagon load small items.

Auctioneer:
Steve
Steve Jr. Petersheim
215-593-AUCT
AU 001349L
Food On Premises
Auctioneer's Note -
Machinery shed kept, in good condition

PUBLIC AUCTION
Two Parcels of Real Estate
One Acre Building Lot &
Nickel Mines Grocery Store
Sat., Feb. 5, 1994
1:00 PM

Both located in Bart Township, Lancaster County, Pennsylvania, 5 miles West of Gap in Nickel Mines at intersection of White Oak Road and Mine Road.

Parcel #1

Parcel 1 has 6,000 sq. ft. in show room and sales area. Building has 7,100 sq. ft. total, 2nd floor has storage area, 1st floor has 2 car garage. This floor plan has a great diversification, presently used as a grocery store.

Parcel #2

One acre building lot adjacent to Parcel 1 on Mine Road. Excellent lot, good location lays level.

The parcels will be offered separately and as an entirety. Parcel #1 will be offered with inventory including food cases, shelving, etc., and it will also be offered without inventory.

For more information call 215-593-5033, ask for Harry or Nancy Fisher or call aut., 215-593-2828.

TERMS: 10% down sale day - final settlement by March 15, 1994.

Auctioneer:
Steve
Steve Jr. Petersheim
215-593-AUCT
AU 001349L

PUBLIC SALE
Farm Machinery - Case Diesel Uniloader
3 John Deere Tractors
Thursday, February 17, 1994
10:00 A.M.
Auction held for Amos and Elaine Martin at the farm in Lancaster County, Churchtown, Pennsylvania, 4 miles West of Morgantown, 6 miles East of New Holland. Follow Route 23 to Churchtown. Turn South on Water Street at stone wall. Follow half mile to farm on left.

Tractors - Skid Loader

John Deere 4230 Diesel Cab air - heat, front weights quad range - dual hyds.
John Deere 1020 gas wide front - power adj. wheels rear weights.
John Deere 2020 Diesel wide front - rear weights
Case 1845 Diesel Uniloader good rubber - bucket cage - machine overhauled '91

Farm Machinery

New Holland 791 manure spreader, hyd. end gate, tandem axles; New Holland 305 side delivery manure spreader with extended sides, tandem axles, in excellent condition; John Deere 5 bottom 16" auto reset plow; **John Deere 215 rockflex 14' tandem wheels disc harrow;** John Deere 1240 four row corn planter plateless hoppers and herbicide hopper; John Deere 3940 Harvester, 1,000 P.T.O., full power controls, 2 row narrow corn head, 6' grass head; 2 No. 8 New Holland forage wagons, 3 beaters, access tandem axle gears and roof; Gehl 88 hi-thrower forage blower; New Holland 489 haybine, 9' hi-flo tires; International 35 rake with rubber attached teeth; New Holland 273 super sweep baler with hyd. control, No. 54 thrower; 2 16' hay wagons, wide tread, heavy gears; 32' Little Giant elevator; Century boom field sprayer with hyd. pump; John Deere No. 50 bar mower, 7' side mount, fits 2020 and 1020; flat bed wagon with 8 ton gear; 30 bartville portable feeder wagon; round bale mover; heavy field drag.

Please Note - Not many small items, come early for machinery.
Auctioneer's Note: This is an opportunity to purchase machinery in good condition, shed kept.

Auctioneer:
Steve
Steve Jr. Petersheim
215-593-AUCT
AU 001349L

Sale Reports

WOTRING CONSIGNMENT SALE

A Public Auction of guns, tools and antiques was held December 20 at the Schnecksville Fire Co. Pavillion, Route 309, north of Allentown, Pa.

Some prices included: Stanley 45 plane $95, slag glass table & floor lamp set $115, Japanese radio set $105, Remington 12A .22 cal. $230, Marlin 35 gun $250, Remington model 14 gun $420, leather stamps for tooling leather $25, cigar cutter $20, small 8 inch Singer sewing machine $60 and cast iron frog bank $32.50.

Tim Worting was the auctioneer.

Pa. FmHA, Rural Development Receive $284 Million

WASHINGTON, D.C. — U.S. Sen. Harris Wofford said recently that nearly $284 million in loans, loan guarantees, and grants through the Pennsylvania Farmers Home Administration (FmHA) and the Rural Development Administration (RDA) will bring greater economic opportunity to rural Pennsylvania.

"Farmers and rural communities have been especially hard hit by our stagnant economy," Sen. Wofford said. "For the last 12 years, our government has not had an aggressive program to help rural communities by creating jobs, providing loans, improving infrastructure, and offering incentives for doctors to relocate in rural areas. "This money is a step in the right direction toward giving rural families the resources they need to live in safe homes and communities and succeed in today's economy."

The $284 million is a significant increase over previous funding levels, especially for water and waste facilities and loan guarantees for single-family loans, according to Cheryl Cook, director of the Pennsylvania FmHA.

"We are very exicted at the opportunity to provide rural Pennsylvania with a tremendous shot in the arm," Cook said. "I have directed my staff to do as much public outreach as possible to ensure that all eligible Pennsylvanians have an opportunity to be served."

FmHA's 37 county offices offer loans throughout Pennsylvania for farm ownership and operation and single-family housing. These field offices also handle housing repair grants for older citizens.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

JANUARY

SAT. JAN. 8 - 9AM. Estate antique & Clean modern furniture auction. Located at our Centre Along Rt. 183, 3 miles N. of the Reading Regional Airport, Reading, Pa. Cathy M. Pennypacker-Andrews, auct.

SAT. JAN. 8 - 9AM On-site Auction, antiques & collectibles, furnishings, cameras, glassware & china, appliances, farm equip., lawn equip., automobiles. At 314 Central Ave.., Telford, Pa. 1/3 mile off Old Bethlehem Pike Hilltown Twp. Sandord Alderfer Auction Co.

SAT. JAN. 8 - 9AM Bonnie Brae Auction, Rt. 724, Spring City, Pa. (8 mi. West of Valley Forge, Pa.) 3 fine housefuls, glass & china, jewelry & tools. Richard J. Moyer, auct.

SAT. JAN. 8 - 10AM, Keystone Public Auto Exchange Sale. Located Rt. 22/322 Between Dauphin & Clarks Ferry Bridge. Local Banks.

Public Auction

Horse Drawn Farm Machinery
Twenty Head Of Heifers

Wednesday, February 16, 1994
9:00 A.M.

Lancaster County, Pa., Six Miles East Of Intercourse Along Rt. 340.

Full Listing Later Ads.
Benuel F. & Lizzie Stoltzfus

Auct.
Steve
Steve Jr. **Petersheim**
215-593-AUCT
AU 001349L

PUBLIC SALE

Six Draft Horses - Farm Machinery
Three 60 lb. DeLaval Buckets
Kitchen Range (new '92) -
A.C. Diesel Tractor

Thursday, February 3, 1994
10:00 A.M.

Sale held at farm on Beechdale Road in Lancaster, Pennsylvania, one mile north of Bird-in-Hand. Go North off Route 340 at R.R. underpass.

Horses - Harness - Hitches

Pair of six and seven year old sorells; pair strawberry roans; 2 roan single horses; 6 sets of front gears; collars; bridles; single-double-triple trees; 4-5-6 horse hitches.
Auctioneer's Note: This is an opportunity to purchase good horses.

Farm Equipment

White Horse 391 two bottom plow; Pittsburgh 12' spring tooth harrow; John Deere disc harrow; two single roll cultipackers, one with mulchers; John Deere 999 corn planter, herbicide applicator; **McDeering No. 9 ensilage cutter, 2 sets of carbide knives;** New Idea 323 corn picker; grain bin wagon; New Holland 455 bar mower; New Idea crimper, new Smucker rolls used 1 year; New Holland 268 baler with engine; liquid applicator sells separate; flat bed wagon, Farm Bilt gear; 32' Zimmerman elevator; portable hydraulic unit; John Deere 660 rake, rubber attached teeth, front wheel; Grimm tedder; boom field sprayer with Briggs engine, has poly tank; **Pequea manure spreader with end gate, new '93;** 9' 3 section spring tooth harrow; 1 section spring tooth harrow; Bartville fore cart; two row 3 horse cultivator; 275 gallon fuel tank; Atlas large diesel powered generator; 180 Allis Chalmers diesel tractor with pulley, hyds.; 3 pt. very good condition; grain drill; fiberglass feed cart; 500 tobacco lath; Minnick tobacco press; kitchen range, burns wood or coal, water reservoir, pipe shelf, chrome options, excellent condition, only piece selling out of house; few wagon items.

Owner:
Solomon & Fannie Zook

Auctioneer:
Steve
Steve Jr. **Petersheim**
215-593-AUCT
AU 001349L
Food On Premises
Please Note - Not many small items - come early for machinery. Machinery shed kept in nice condition.

AUCTION

Saturday, February 12
9:00 A.M.

Shop Equipment, Hand tools, 4 Sets of Driving Harness, 2 Wagons, 2 Utility Sheds, Antique Furniture, Few Dishes, Hunting Equipment

Auction held for Daniel - Rachel Stoltzfoos, Jacob F. Stoltzfoos Estate on 31 N. Ronks Rd. in Lancaster County, Pennsylvania, between Rt. 340 and Rt. 30.

Floor model and hand tools in excellent cond. Delta 24 inch planer with dust collector & blade sharpening attachment, Jet 10 inch table saw, new 1993, Craftsman 10 inch radial arm saw, Jet drill press with stand 14M, Diamond bench vise 120 MM, tap and die set, Lincoln 250 amp arc welder, **Baltimore Mechanical** broom stitcher, Beaver pipe machine with coolant pump and reamer attachment, Rem line tool caddy - 2 piece, 15 KW 120-240 volt generator, air sanders, air jointer, air stapler, air nailer, air router, Craftsman mechanic tool box, loaded with tools, tools sell separate, saw protractor, socket sets, box and open end wrenches, nails, screws, more items not listed.

2 Sheds - Harness - Equip. - Wagons

10x20 utility shed, 8x12 lean to open front pasture shed, 4 set of driving harness, collars and bridles, 2 wheel breaking cart with roller bearing, spring wagon with cap. hyd. brakes, roller bearing wheels, 12 volt lighting system, recently overhauled, horse training equipment, 2- two horse hitches.

Dried Lumber - Old Barn Boards

Birds eye - walnut - oak - poplar, oak planks, 24 inch random length barn boards, 8x10 six light window sash.

Household Goods, Antiques - Desks

Turn of the century blanket chest, oak chest of drawers, slant top desk, double bed boxspring, eagle across, buck eye bow with case and arrows.

Hunting Equipment

50 lb. bow, 12 ga. single barrel Stevens Model 94, Remington 870 Magnum, 12 ga. Winchester, 7 MM bolt action Mauser, air mattress, shells, Bushnell sport view scope, tent, tree stand, hunting cloth, gun cases.

2 kerosene space haters, sofa couch, 2 milk cans.

Coins

Wheat pennies 1922 silver dollar, white pennies, 1898 Indian head penny, James Barrel money bank with tin top, lot of Kennedy half dollars, 1958 copper silver penny, 14 one dollar silver certificates.

More Items Not Listed

Auct.
Steve
Steve Jr. Petersheim
215-593-2828
AU001349-L

Plenty of Homemade Food

PUBLIC AUCTION

36 Holstein Heifers - 6 Percheron Draft Horses
Farm Machinery - Westfalia Milker Units
800 gal. Girton Milk Tank - Sputnick
830 Case Tractor - Lister Diesel new '91

Wednesday, January 19, 1994 • 9:00 A.M.

Sale Held At The Farm For Daniel Jay And Lydia S. King Located In Lancaster County, Pennsylvania, 6 miles South East of Strasburg, 2 miles West of Georgetown. From Route 896 go West on White Oak Road to Mt. Pleasant Road South to Springville Road, 1st farm on left. From Route 372 go North on Mt. Pleasant Road.

36 Heifers 1:00 P.M.

16 Head Bred and Breeding age 1994 freshing, 20 head yearlings to calves, vaccinated, 30 day chart, all home raised out of the King Herd D.H.I.A. rolling herd avg. 21,900M. 605 fat. Stock Bull Sire Leadman, Dam Sire Black Star, Full Pedigree Sale Day.

Feed - Milk - Barn Equipment

800 gallon Girton milk tank, new 1980; Sputnick with air tires; 30 gal. gas water heater; S.S. twin tubs; Bender washer; 4 - 60 lb. Westfalia milker units, new '88; 73 lb. bucket; Lister-Petter T.R. diesel, new '9 ', has speed clutch; Masport vacuum pump; DeLaval vacuum pump; 5 h.p. cooling compressor; air compressor; 2 - 12 volt battery chargers; barn desk; 3 wheelbarrows, 1 with tandem wheels; two 25 head hay racks; 2 two hole Miro-fount water cups; 5 feed bins, 3 metal, 2 wooden; 9 ton round metal grain bin with 125 lb. measuring chute; feed carts; milk house supplies; animal medics; S.S. strainer.

Six Head Horses - 2 Mules - Harness - Hitches

Pair of 5 yr. old grey Percheron geldings, 17.2 hands; pair 5-7 yr. old grey Percheron mares, 17 hands; 2 single grey Percherons, 8 yr. old gelding and smooth mouth mare; 4 year old jack mule; yearling mule; 3 mares bred to Mammoth jack; 8 sets of front gears; collars - bridles - extra collars; double - single trees - 5-7 horse hitch.
Auctioneer's Note - This is an exceptionally good group of horses. You will like what you see!

Tobacco Equipment

3 section tobacco press with air cylinder; 10 lath carousel tobacco stripper; **mechanical transplanter.**

Tillage and Harvest Equipment

McDeering 2 way plow; John Deere K.B.A. 24 discs disc harrow; John Deere 3 section spring tooth harrow; single roll cultipacker; New Holland mower, hyd. control with tiger jaw guards; New Holland 402 crimper; Nickelson tedder; New Holland 256 rake; Zimmerman 32' elevator; 3 flatbed wagons, 2 with Farm Bilt gears; John Deere 1240 4 row corn planter; New Idea 323 corn picker; A.C. 38 h.p. engine; **Fox harvester, P.T.O. drive with feeder, has 6 knives;** Pequea manure spreader, overhauled '93; spike harrow; Pequea tedder; I.J. 2 row cultivator, new '93; 3 forecarts, 2 auto turn; 2 wheel utility cart; moisture tester; 9 h.p. Kawasaki engine; McDeering 2 horse cultivator; Case 930 diesel tractor on steel with pulley - hyds., P.T.O., wide front, good running condition.

Feed - Fertilizer

Mixed hay; 5th cutting alfalfa; 15 ton ear corn; 300 gal. calcium liquid fertilizer.

Spring Wagon - Shop Tools - Etc.

Hyd. manual portable arm lift; 2 stocked bolt bins; 2 kerosene space heaters; vise; **3 section lawn mower;** 250 gal. fuel tank; wagon load small items; push lawn mower; Partner chain saw; **303 British rifle;** spring wagon, hyd. front brakes; roller bearing, fiberglass shafts; acetylene torch set.

Not many small items. Come early for machinery and horses before heifers

Auctioneer:
Steve
Steve Jr. **Petersheim**
215-593-AUCT
AU 001349L
Food On Premises

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at the
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(See p. A 17 for complete details).

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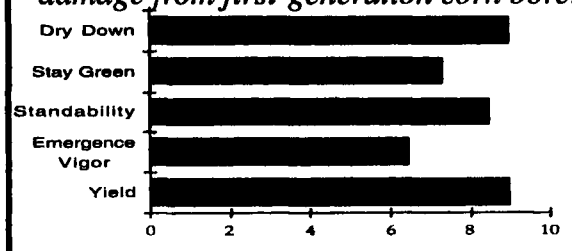

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AgriGene Seed Research

Kreiders' Family Farm Expands To 25 Farms

The Lord's, The Bank's And Ours

LOU ANN GOOD
Lancaster Farming Staff

MANHEIM (Lancaster Co.) — Two hundred years is a long time to keep a farm in the family. For the Kreiders of Manheim, that accomplishment is a time to look back in appreciation of their roots and a time to plan for the future.

The Manheim farm and its 102 acres were deeded to Christian Hershey in 1792. The farm almost did not remain in the family when it was sold over public auction in 1934.

Noah Kreider Jr. recalled the scenario surrounding those years. The country was in the Depression. His parents had been married about eight years and were faming a 57-acre farm in Bird in Hand. When his mother prompted his dad to buy the Manheim farm, his father's response was: what with? His mother said, "We have nothing to lose."

Noah Kreider Sr., agreed and purchased the property for $12,000.

"That was not considered cheap at that time, and Grandfather didn't think my dad could make it," Noah Jr. said.

But right timing and his father's agressiveness in turning a hog house into a place for 1,000 layer hens and coverting an area above the garage into raising 1,000 chicks enabled the couple to pay off the mortgage within two years.

In those beginning years, the Kreiders also milked 10 to 20 cows by hand, but were one of the first families in the area to buy a milking machine.

They also were the first in the area to purchase a tractor with rubber tires.

Noah Jr. recalls that people predicted, "That will never work. The radiator is too small and the rubber tires pack the soil too much."

Steers and eight acres of tobacco were added to the family's enterprises and, by 1939, Noah Sr. decided to rent a neighboring 120-acre farm.

During World War II, farmers could not buy new equipment and it was difficult to farm 220 acres with only two tractors. In 1946, the Kreiders purchased a neighboring 137-acre farm that sold for $32,000 at a public auction.

The buildings were worn out and the neighbors thought his dad was foolish to spend so much for acreage, but by then Kreider was making money in potatoes. Hucksters purchased the potatoes to resell. The next year, Kreider planted 80 acres in potatoes, which needed to be harvested by hand and marketed through potato brokers.

Noah Jr. and his older brother Richard worked hard on the farm. The boys remember that their father got them out of grade school whenever the truck came and needed to be loaded with potatoes.

To young boys, this was not seen as hard work but as excitement.

It was not that the elder Kreider did not think his sons' education was unimportant. In fact, he paid to send Noah Jr. to town school because he thought he would receive a better education. When Noah Jr. said that he would like to play sports in high school, his father said, "Fine. If you want to go out for sports, we will cut down on the work at home."

But the boys liked the new tractors, trucks, and cars that accompanied the success of their father's farming' enterprises. They decided they would rather forgo sports and work on the farm.

The following year, the Kreiders purchased the farm that they had rented.

Noah Jr. said that his parents had been relunctant to purchase that farm because they thought: we have only two sons and we already have two farms. We don't need anymore.

But the sons encouraged their parents to buy the third farm with the promise that they would stick by them.

The brothers converted a chicken house for 2,000 broilers, which was an FFA project. That was before the time of live television footage but radio station WGAL came out and cut a live record in the Kreider chicken house.

The brothers soon graduated from high school and worked full time in the business. The brothers and their father formed a partnership in 1956.

The sons built a broiler house for 16,000 chickens — considered a big amount then but nothing compared with the 1½ million layers the Kreiders now have.

Although it sounds as if the business was a constant booming sucess, Noah Jr. said they had their setbacks.

One happened when Noah Jr. and his brother decided to build a potato warehouse beneath the broiler house so that potatoes could be held and sold for higher market prices out of season. When the building was three-fourths finished, it collapsed. There was no insurance. It was time to harvest potatoes and no place to store them and no equipment with which to harvest them.

The family managed to rebuild the warehouse, but the potatoes rotted and the broilers got sick.

Noah Jr. remembers the anguished questions his family asked each other: "Why did we do this? Why didn't we just buy another farm?"

For a few years, the family did not expand their operations because, Noah Jr. explained, "Once you lose, you don't take as big of gamble."

They started irrigating the potato crop during the late '50s.

In 1958, they suffered another setback when they lost money invested in potato futures.

Despite the setback, the business continued to grow as dairy, beef, and poultry operations were expanded. New facilities were built. And more farms were added. "Sometimes we really could not afford to buy farms, but it worked out because the seller would contact us and offer to work something out," Noah Jr. said.

"We never intended to become as big as we are. We always tried to seek the Lord's direction and pray about major decisions," he said.

He quoted the verse from the Bible, "'You have not because you ask not.' Sometimes God's answers seem clear and other times not clear. We learned not to act until it was clear."

During these years, the sons made more of the business-related decisions while Noah Sr. became heavily involved in community affairs. He was a board member of the local bank, was one of the original directors to plan the building of Philhaven Hospital to treat those with psychiatric problems, and was active in many farm organizations. Noah Sr. passed away in 1982, and his wife Mary in July 1993.

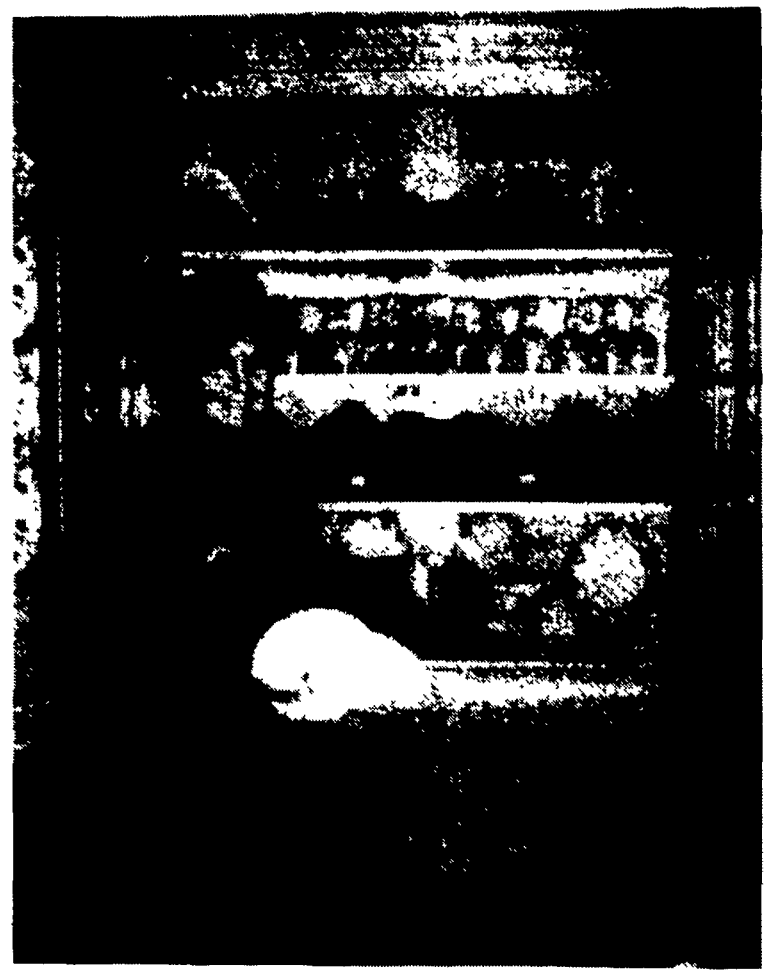
When the Kreiders expanded the dairy to 102 cows in 1964, they thought that they would never want to expand larger. But in 1972, they began to market their own milk when they built their own milk processing plant and opened up a dairy store. The demand for milk and their own brand ice cream increased. After gradual expansion, they now milk 1,000 cows.

Another store combined with a restaurant was built in 1979 and later expanded to seat 240 in addition to a banquet room. Three more restaurants, one in Hershey, one in Lebanon, and one in Centerville were added.

As independent poultry producers, the Kreiders increased their poultry operation to 500,000 layers in Manheim, a half million layers

(Turn to Page B4)

From left, Richard, Noah Jr. and sons, Ron and Jim Kreider, gather in front of the Manheim farm that has been in the family for 200 years. From this one farm, the Kreiders farming operation, restaurants, and dairy stores have grown to include 25 farms.



Of the 1792 farmhouse, Pauline Kreider said the story is told that a group of troublemakers from Harrisburg massacred a number of Indians in the Manheim area. An elderly Indian couple sought refuge at the farmstead and were hid in the arch cellar. After danger passed, the couple continued living on the property and eventually a small house was built for them.

Homestead Notes

On being a farm wife - And other hazards

Joyce Bupp

A stack of new calendars accumulating these last weeks continues to grow, with varied additions of interesting sizes, shapes, lovely photographs, and topical themes.

Transferring data from those retiring ones to their new replacements now becomes a priority to-do chore of the time. From this year to next year go notations of birthday and anniversary dates, lists of meetings already scheduled into the new year and sticky-backed notes of a personal nature - from me... to me - of particular responsibilities that must be met in this 1994.

And, while we will all struggle for awhile with remembering to use a "4" rather than a "3" when writing the date, life otherwise continues for most of us in a business-as-usual manner. Still, I can't help thinking, as I hang in prominent places the calendars of 1994, how nice it would be to be able to "wish" certain changes in life, just with the flip of a new year page.

For instance, the obvious wishes. I wish:

- that all physical and verbal abuse between people would cease.
- that we could, if not love, at least tolerate and show respect for one another, regardless of race, creed, religion or gender.
- that no child had to go hungry.
- that no one reached age 20 without having acquired a basic education, reading abilities and at least some minimum job skills.
- that tragedies of death by drugs, alchohol or guns would become non-existent
- that crime victims rights would get more attention from our justice system than the rights of criminals and that we could find ways to truly fit punishment to the crimes.

Hey, it's a New Year; I can dream, can't I? And, I'd also wish:

- that geneticists would develop a cow that milked five days a week and took off every other Sunday and major holidays.
- we could have a couple of years of "normal" weather. Whatever that is.
- Johnsongrass could be harvested and come out of silos as a 22-percent-protein forage feed.
- the barn cats would develop as strong a desire to catch mice as they have to be underfoot in the barn begging for milk.
- someone would develop comfortable, open-air sneakers that would not suck up handfuls of sawdust to wedge in under one's toes during milking on hot July afternoons.
- heifers would have an inbred instinct to put themselves back inside the fence as quickly and effortlessly as they let themselves out.
- my roses always looked like the ones on the covers of the floral catalogs.
- automobiles repelled dust, mud and road salt.
- machinery parts sold for 10 percent over the materials cost in them.
- flies became an endangered species.
- I could grow tomatoes year-round with August-garden flavor.

And, finally, I wish we could slow the passage of time that flies by and demands that we change these calendars seemingly more quickly with each passing year.

In lieu of that, we wish... you and yours a great New Year!

Pa. Foundation For Better Living Elects Officers, Directors

AIRVILLE (York Co.) — The Pennsylvania Foundation for Better Living, which spearheads the state's Ag in the Classroom program, elected officers and appointed three new directors during a recent board meeting.

Elected as president was Carl Shaffer of Mifflinville; Jim Kohl of Furman Foods, Northumberland, was named vice president; and Marvin Beshore, an attorney with Milspaw and Beshore in Harrisburg, was elected secretary/treasurer.

Shaffer, a vegetable farmer who represents the Pennsylvania Farm Bureau, joined the board in 1992. He said he looks forward to serving as president and promoting the Foundation's goal of educating consumers about agriculture.

To reach this goal, Shaffer is asking for a joint effort of support between farmers, agribusinesses, and consumers alike "in one of the most overlooked and misunderstood aspects of our lives, our food supply."

In addition to the officers, the Foundation appointed three new directors to the board. Elected to serve three-year terms were Dr. Herbert Cole Jr. of Petersburg, Michael W. Brubaker of Lititz, and Blaine Fessler of Mohrsville. Cole is the director of the Penn State University/Rodale Center for Sustaining Agriculture and Natural Resources in Urbanizing Environments (SANRUE). Brubaker is owner of Brubaker Agronomic Consulting Services Inc. based in Ephrata, and Fessler is an assistant vice president at Meridian Bank.

For more information about the Ag In the Classroom program and other activities, contact Pat Sueck, Executive Director, PA Foundation for Better Living, R.D. 1, Box 43, Airville, PA 17302; (717) 862-3486.

Pa. Foundation For Better Living Needs Teachers

AIRVILLE (York Co.) — Plans are underway for the third annual Ag in the Classroom teachers workshop, which is set for July 17-22 at Penn State University.

Sponsored by the Pennsylvania Foundation for Better Living, the workshop provides hands-on learning through group discussions and projects. Specifically, teachers learn how to incorporate agricultural concepts into their current classroom curriculum.

According to workshop coordinator Carol Ann Gregg, the workshop evolved from a need to combat agricultural illiteracy. "Today's consumers are farther and farther away from the farm in terms of understanding," said Gregg, a farmer and agricultural journalist from Grove City. "Our goal is to educate consumers about agriculture and how it impacts their lives."

To attend the workshop, teachers are awarded $500 scholarships, which are sponsored by agribusinesses and agricultural organizations. More than 50 organizations and individuals contributed to the funding of the 76 teachers who attended this year's program. The goal for the 1994 workshop is 100 teachers, Gregg said.

For more information about the 1994 Ag in the Classroom workshop, contact Carol Ann Gregg, Workshop Coordinator, 147 Old Mill Road, Grove City, PA 16127; (412) 458-6108, or Pat Sueck, Executive Director, PA Foundation for Better Living, R.D. 1, Box 43, Airville, PA 17302; (717) 862-3486.

Dry Clean Gold Buttons?

Many garments today are adorned with gold- or brass-looking buttons. After garments containing these types of buttons are dry-cleaned, their original shiny appearance may dull. The original finish on the buttons solubilizes in cleaning. While the article was being cleaned, the finish on the buttons softened from the solvent and was abraded off during the tumbling cycle.

According the Fabricare Institute the Care Label Rule states that buttons, like other trim, should be resistant to the care process.

Drycleaners have been trying to minimize this type of damage by covering the buttons before cleaning. This minimizes the damage but does not prevent it. The only other recourse is to remove all of the buttons before cleaning and then reattach them. That could be a very expensive process and puts an increased cost on the customer. Garments with buttons that failed in cleaning should be returned to the retailer and then sent back to the vendor. The button industry has an obligation to select a better button for use, and to be sure that they are compatible with the care instructions on the garment.

CLOSED SUNDAYS, NEW YEAR, EASTER MONDAY, ASCENSION DAY, WHIT MONDAY, OCT. 11, THANKSGIVING, CHRISTMAS & DECEMBER 26TH.

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★ CORN OIL
★ COTTONSEED OIL
★ OLIVE OIL
★ PEANUT OIL
★ VEGETABLE OIL
★ SHOO-FLY PIE MIX
★ FUNNEL CAKE MIX
★ PANCAKE & WAFFLE MIX
★ ASSORTMENT OF CANDIES
★ DRIED FRUIT
★ SNACK MIXES
★ BEANS
★ HONEY
★ PEANUT BUTTER
★ BAUMAN APPLE BUTTERS
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The Lord's, The Bank's And Ours

(Continued from Page B2)

on a Donegal farm, and a complex built for 750,000 layers on their Middletown farm.

They plant 400 acres of potatoes and grow feed for their dairy, beef, and replacement heifers.

Many businesses, as they grow bigger, see family members phase out of putting in long hours with the farmwork and book work, but not the Kreiders. Noah Jr. said, "We saved everywhere we could. Our wives and children put long hours in the business."

Noah Jr. and his wife Marian have three children, Sharon, Ronald, and Jim. Richard and his wife Pauline have three, Pat, Sandra, and Debbie, (a son Richard died in a traffic accident this past year).

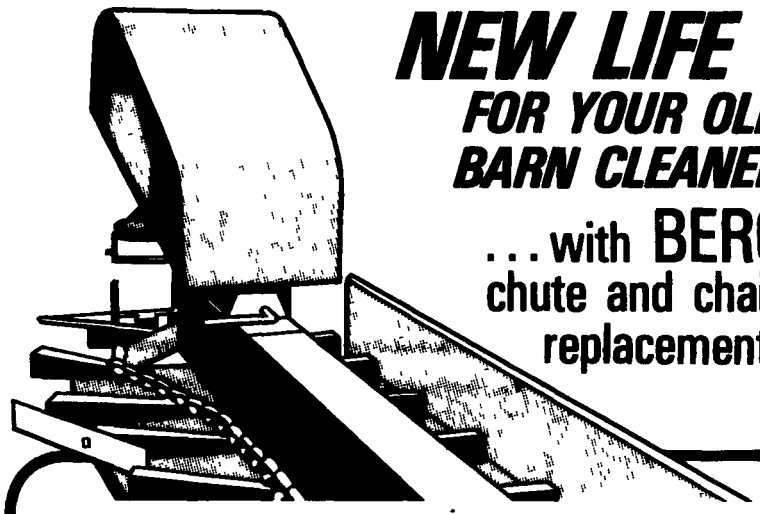
Richard, Noah Jr. and his sons, Ron and Jim, head the operation. "The sons are taking more of a lead role and we are sort of phasing out," said Noah Jr. of his and Richard's part in the business.

Ron is married to Hollee and Jim to Marilyn. In addition to family members, the Kreiders said, "We owe a lot to our employees. One of our employees has been with us for 43 years."

Richard's son-in-law Dave Johnson manages the restaurant and Richard Shellenberger, employed since 1972 oversees the four stores, milk plant, and restaurants.

Of the Kreiders' agriculture endeavors that include 3,000 acres, Noah Jr. said, "We don't take credit for this ourselves. We always say that this is the Lord's, the bank's, and ours."

Noah Kreider Jr. stands in front of the first Kreider Dairy Farms Restaurant where a glass of milk is served free with meals.



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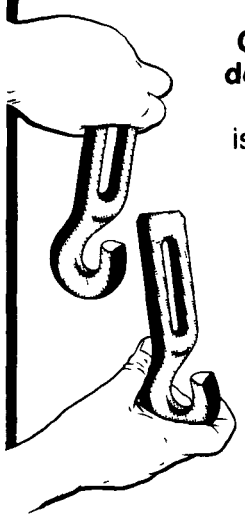

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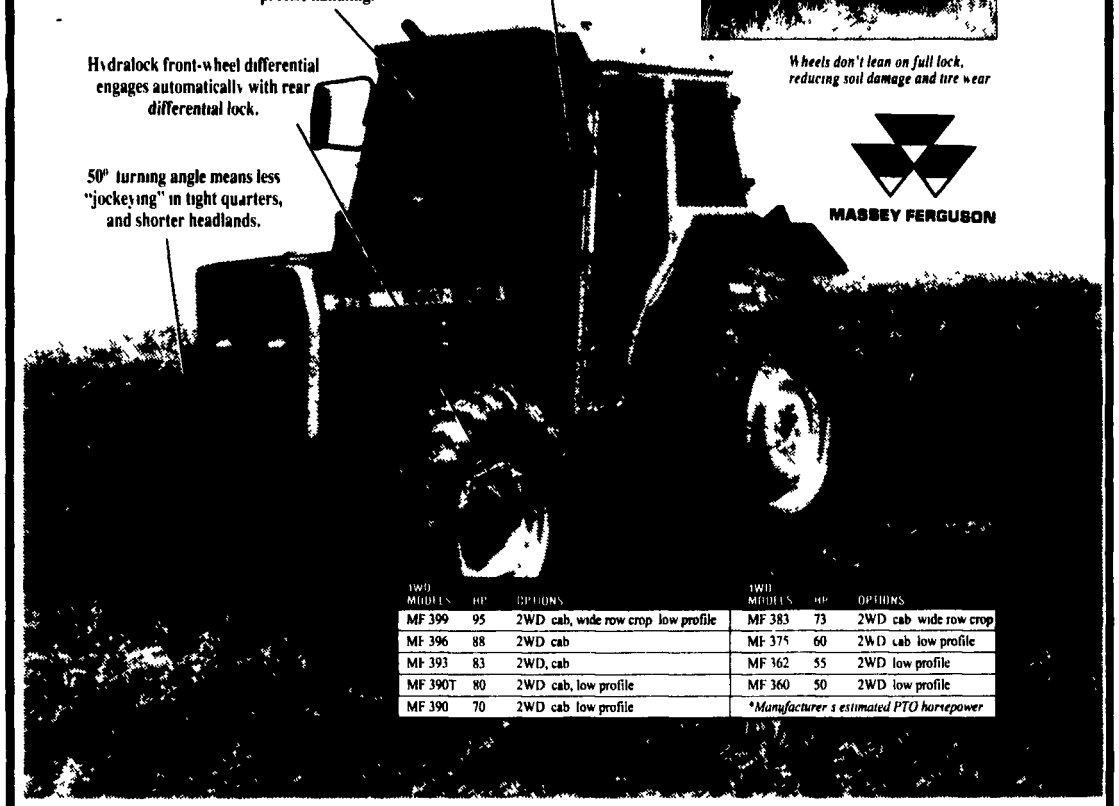

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

It's Time To Review Food Shopping Rules

January can be a tough month to stay within the budget, unless you have done some advanced planning. If you put Christmas expenses on your credit cards those bills will be coming due. Then there's also the possibility that you spent more than you should have.

Food shopping does offer the opportunity to stretch dollars. Even though we do "have to eat" we have a wide range of food from which to choose. If you have already taken most of the known steps to cut down on food expenses there is nothing much to offer but sympathy. If not, your very laxity provides hope of a sort. There are lots of things you can do to save money.

First of all, before you go anywhere near a supermarket, check your cupboards, refrigerator and freezer to discover what you have on hand to help plan your meals. Then read and study your favorite store's weekly food ads. Begin to plan menus around store features and what you have on hand.

Be flexible in your menu planning since most stores have in-store features that can be to your advantage. Clip and use coupons. Try to plan a week's worth of meals at a time. It's not easy and takes time, but nobody ever said saving money was easy. Now you are ready to make your shopping list.

Knowing the layout of your favorite store can also help you save money. If you know the exact location of items in the store, you can organize your shopping list to shop the aisles once with no backtracking or lost time.

Knowing some of the psychology of food placement can foil some of the attempts of retailers to get you to loosen your purse strings. Think for a minute where the white bread is located. It's usually at the end of an aisle to pull you along. You've got to go past a lot of items to get to the bread and when you do it's usually on the bottom shelf. Items at eye level are reserved for those things you do not have on your list like specialty bread items or fancy pastries. Every department has high demand items to pull you along, items that are not on most shopping lists, and a lot of high impulse, high profit items that are easy to see and reach. It takes a lot of self discipline to stick to a shopping list.

But what is one to do in these new super stores with up to 60,000 square feet of selling area and more than 20,000 items for sale? They have beautiful interiors with attractive lighting, music and smells. They have self-serve bakeries, delis and cheese shops, fresh seafood and floral sections, and pharmacies.

One way to not get carried away is to keep a running tally of your purchases. Those little, thin pocket calculators are easy to carry and use. You will be less tempted to throw away money on frills if you know how much you have already spent.

Shop for meat in terms of meals. When certain cuts that your family enjoys are on sale, buy an extra large cut with the thought of using it for more than one meal. Think in terms of planned-overs, not wasty leftovers.

Learn a little home butchering. Buy whole chickens on sale and cut up your own. Buy a larger cut of meat than usual when on sale and cut it into several meals.

These are just a few ideas to help you save. You can probably think of a lot more.

Wool Is A Natural

Nothing looks or feels more natural on cold winter days than versatile, comfortable wool. When the weather cools down, wool becomes the All-American favorite for outdoor fun and indoor good looks.

Most wool feels soft and luxurious and reflects both good taste and style. When cared for properly, wool clothing can be worn for many years. It does not easily pill, snag or break. Its fibers are flexible and elastic. After a little rest, wool has the ability to bounce back to its original shape.

Wool keeps us warm and dry. It feels so comfortable because of its excellent insulation ability. In very wet conditions, wool can absorb up to 30 percent of its own weight without feeling damp. Wool breathes, allowing the body's own natural moisture to pass through. This characteristic gives wool its year-round appeal.

The following tips from the International Fabricare Institute, the association of professional drycleaners and launderers, can help keep your woolen garments looking their best wear after wear.

Give woolens a 24 hour rest between wearings. This will give them a chance to shed wrinkles and return to their original shape.

Brush wool clothing with stiff brush to remove surface soil and to revive the nap. Remember to always brush in the direction of the nap.

Treat stains immediately before they have time to set. Blot up any liquid stains and then have them tended to as soon as possible by a professional drycleaner.

Drycleaning is often the best method of care for wools. Studies show that drycleaning can keep wool looking it's best cleaning after cleaning.

Wool can be damaged by insects. Be sure to clean wool before storage and make sure closets and trunks are clean too.

Pennsylvania's Dairy Princess helped WPSX-TV, in State College, raise funds for programming while sharing holiday dairy recipes. Recipes for egg nog punches, special dairy appetizers as well as real butter cookies were shared with viewers during special holiday cooking programs. Participating Dairy Princesses including (left to right) Cathy Gro, Mifflin County; Jennifer Grimes, PA State Princess; and Brenda Saylor, Clinton County Alternate. WPSX-TV is a public television station that covers central and northwestern Pennsylvania.

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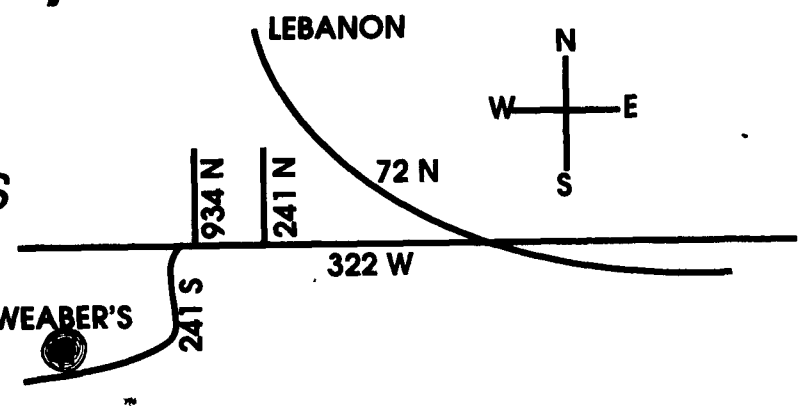

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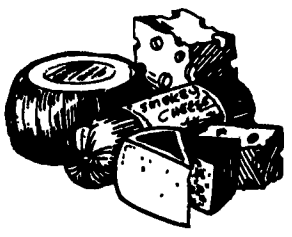


Home On The Range

Soups And Stews Beat January Blahs

Soup goes a long way to satisfy hungry appetites. It tastes even better the day after it's made, once flavors have had a chance to blend and mellow. Make a big batch and store in small portions, just right for weekday lunches.

Soup keeps up to three days in the refrigerator and freezes well for longer storage. Here are a few tips for freezing soup:

• The only ingredient to avoid when freezing soup is potatoes, because they become grainy and soft. Cook potatoes fresh to add to soup that's been frozen.

• Freeze soup in containers that hold enough for one meal — a quart for 4 to 6 servings, a pint for 2 to 3 servings.

• Use a wide-mouth container to make it easier to take out partially thawed soup. Thaw in the refrigerator and use thawed soup right away.

• Make sure there's ½-inch headspace in quart containers.

• 2-inch headspace in pint containers to leave enough room for soup to expand as it freezes.

• Take a minute to label container with name of recipe, number of servings, and the date. That takes the guesswork out of a visit to the freezer later. Soups and stews keep 2 to 3 months.

• Some flavors intensify during freezing, but onion gradually loses flavor. Plan to add more onion or other seasoning when you're ready to serve soup.

CREAMY WILD RICE SOUP

6 tablespoons butter
3 tablespoons chopped green onions
⅓ cup flour
4 cups chicken broth
½ cup cooked, cubed ham
2 cups cooked wild rice
¼ cup finely grated carrots
3 tablespoons chopped pecans
¼ teaspoon white pepper
1 cup half and half
Parsley, optional

In large saucepan, melt butter and saute onions. Blend in flour, gradually add broth. Cook, stirring constantly until mixture comes to a boil. Boil 1 minute. Stir in ham, wild rice, carrots, pecans and pepper; simmer 5 minutes. Blend in half and half; heat to serving temperature. Garnish with parsley. 6 servings.

SUCCOTASH-STYLE VEAL STEW

4 teaspoons vegetable oil, divided
1¾ pounds veal for stew, cut into 1-inch pieces
2 cups coarsely chopped onion
1 garlic clove, crushed
1⅓ cups water
⅔ cup white wine
2 bay leaves
¾ teaspoon salt
½ teaspoon dried thyme leaves
¼ teaspoon coarse grind black pepper
2½ cups frozen mixed vegetables
1 tablespoon cornstarch, dissolved in 2 tablespoons water

Heat 2 teaspoons oil in large heavy saucepan over medium heat. Brown veal for stew, in two batches, adding 1 additional teaspoon of oil as needed. Remove from pan; reserve. Cook onion and garlic in remaining 1 teaspoon oil over medium heat until crisp-tender about 2 minutes, stirring frequently. Return veal to pan. Add water, wine, bay leaves, salt, thyme, and pepper. Bring to boil. Reduce heat, cover and simmer 50 minutes; add vegetables and continue cooking, covered, 10 minutes or until veal is tender. Stir in cornstarch mixture. Bring to a boil; cook and stir until sauce is thickened, about 1 to 2 minutes. Remove bay leaves before serving. 6 servings.

SCALLOPED MUSHROOM POTATOES

6 medium-sized potatoes
1 can mushroom soup
½ cup milk
Salt and pepper to taste

Combine mushroom soup, milk, salt and pepper. Slice potatoes very thin and put alternate layer of potato and soup in buttered casserole. Bake in covered casserole for 50 minutes at 400 degrees. Remove cover and brown before serving.

Betty Biehl
Mertztown

CREAM OF BROCCOLI SOUP

1½ cups chicken broth
1 bunch broccoli, cut up 3 small heads
Salt, to taste
2 tablespoons butter
2½ cups milk or half and half

Cook broccoli in chicken broth until soft. Blend on high until smooth. Add remaining ingredients. Serve warm.

Joanne Good
Blue Ball

For a deliciously satisfying meal, try Veal Succotash-Style Stew. Tender veal and vegetables combine to make an effortless one-dish meal that's sure to please.

CREAM OF VEGETABLE SOUP

3 tablespoons butter
¼ cup onion
3 tablespoons flour
1½ teaspoon salt
Pepper, to taste
3 cups milk
2 cups vegetable pulp and cooking liquid
⅓ cup cream, optional

Heat butter, add onion and simmer about 5 minutes or until soft but not browned; stir in flour and seasonings; remove from heat and slowly add milk, stirring until well blended; return to low heat and cook until thick and smooth, stirring constantly.

Add vegetable pulp and liquid made from leftover vegetables cooked in liquid until soft enough to be pressed through a sieve or pulverized in a blending machine; measure pulp and add cooking liquid or milk to make 2 cups.

Reheat before serving, adding cream if desired. Spinkle each serving with chopped parsley, chives or water cress or a dash of paprika. Makes about 6 servings.

PETER RABBIT SOUP

1 cup green beans
1 cup potatoes, diced
¼ cup chopped celery
1 tablespoon minced onion
½ tablespoon parsley flakes
¼ teaspoon salt
3 cups water
¼ cup rice
1½ cup chicken or turkey broth
2 cups cooked, diced chicken or turkey
1 teaspoon chicken bouillon
1 cup tomato juice
2 tablespoons flour

Cook rice in salt water for 5 minutes. Add vegetables and cook until tender. Add broth bouillon and chicken. Make a paste with tomato juice and flour. Add to soup. Bring to boil again.

Mrs. D. Hoover
Reinholds

CREAM OF ASPARAGUS SOUP

2 bunches asparagus
1 small onion
3 tablespoons butter
3 tablespoons flour
1 quart milk
Salt and pepper

Melt butter in saucepan, add flour and then milk to make a cream sauce. Cook chopped asparagus for 20 minutes in salt water.

Saute minced onions in 1 tablespoon fat; when brown, add to asparagus. Then add asparague to cream sauce. Bring to a boil and serve. Serves 6.

R. Zimmerman
Romulus, N.Y.

ASPARAGUS SOUP

10½-ounce can condensed cream of asparagus soup
2 cups light cream
2 cups fresh or frozen asparagus, drained
Salt and pepper
Sugar

Combine all ingredients in blender and whirl until smooth. Pour into saucepan and heat until bubbly. Season to taste with salt, pepper, and sugar. Float a thin slice of lemon on top of each serving bowl.

N.Y. Reader

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

January

8- Breakfast Favorites
15- Pasta Dishes
22- One-Dish Dinners
29- Cooking With Lamb

Featured Recipe

A hectic schedule is no reason to sacrifice good taste and nutrition in your family's meals. Instead of resorting to fast, frozen or carry-out, you can create convenient meals using some of your favorite foods.

Soup is a wonderful meal for the family when time is at a premium. Here is a recipe from the Beef Council that takes only 15 minutes preparation time. Allow it to simmer for 1 hour 40 minutes to 1 hour 55 minutes, while you complete other tasks.

For even more convenience, prepare it ahead of time and simply reheat it on low to serve.

BURGUNDY BEEF AND VEGETABLE STEW

1¾ pounds beef for stew, cut into 1½-inch pieces
1 tablespoon vegetable oil
1 teaspoon dried thyme leaves
½ teaspoon salt
¼ teaspoon black pepper
13¾-ounce single strength beef broth
½ cup Burgundy wine
2 cloves garlic, minced
10-ounce package frozen whole baby carrots
2 cups frozen whole pearl onions
2 tablespoons cornstarch
1 tablespoon water
8-ounces frozen sugar snap peas

Brown beef for stew in oil in Dutch oven. Pour off drippings. Sprinkle thyme, salt, and pepper over beef. Add beef broth, wine and garlic; stir to combine. Bring to a boil; cover tightly and simmer 75 to 100 minutes or until beef is tender. Stew may be prepared to this point, covered, and refrigerated for up to 24 hours. Add carrots and onions; cover and continue cooking 15 minutes. Combine cornstarch and water; stir into stew with sugar snap peas. Bring to a boil. Boil 2 minutes, stirring constantly. 6 servings.

Gardening Questions? Ask The Expert

LOU ANN GOOD
Lancaster Farming Staff

NEWMANSTOWN (Lebanon Co.) — Pennsylvania's Master Gardener Deb Hartman knows the frustration gardeners feel when they weed, fertilize, prune, and do everything possible, but the plant does not perform as expected. She is also a walking manual of gardener information that she willing shares with others. If she doesn't know the answer, she knows where to find it.

All this know-how came as a result of Deb's frustration with the fruit trees she and her husband George had planted.

"Every year, I would faithfully prune them, but after 10 years with no fruit, I knew something was wrong," Deb said.

She called her county Penn State Extension office for help. At that time, the couple lived in Berks County. It was through that office that Deb learned that she was pruning too much and that master gardener programs were available.

Deb applied to the program and was accepted. At that time, the Hartmans were in the process of building a home in Lebanon County. Because the purpose of the Master Gardener program is to donate time back to the community in which they live in exchange for the classes, Deb asked to transfer to Lebanon County for training.

The classes are almost like going to college. The program teaches extensive gardening from the core requirements of soil science and plant pathology to electives such as herb gardening. Master Gardeners complete 30 hours of a series of instruction and hands on workshops. A $40 fee is charged to cover the cost of a manual and other handouts. Gardeners who successfully complete the program receive a certificate and then fulfill 50 hours of volunteer service.

This service is up to the individual and what they feel most comfortable doing. Some built displays, plant flowers around the Extension office, and in Deb's, teach classes to other prospective Master Gardeners.

Deb describes herself as a vegetable edibles gardener. She enjoys experimenting with edible flowers and herbs, she said, because she loves to eat and the flowers are beautiful.

Deb, with another Master Gardener, Barb Binner, started a group meeting for amateur herbalists.

Deb has taught training classes in five different counties. She and Barb have participated in a radio talk show where the audience calls in and asks questions pertaining to gardening.

Diverse questions amaze the pair. Questions include "What do I do to keep earthworms from smelling in the basement?" and "Is it true that I should eat poison ivy to keep from getting it?"

"I certainly would not want to do a talk show alone," said Deb who believes Barb and she complement each other.

"I'm a worrier because I want to make sure the information is accurate. My partner keeps telling me to relax," she said.

If the pair does not know the answer to a question, they promise to research it and let the person know the answer.

Answers are always based on Penn State's information.

"If Penn State has not done research on a subject, we do not give information based on hearsay," Deb said.

Graduates of the program can receive an additional eight hours of training annually with 20 hours of pay-back time. In addition to Penn State and a satellite dish hookup, classes can be taken from Longwood Gardens, Rodale Institute, and other places.

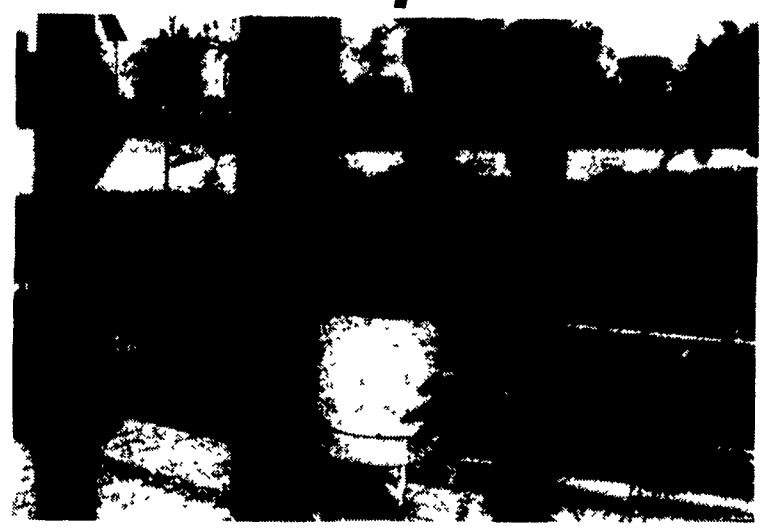
Deb also writes a column, Corner of the Garden, for the Lebanon Extension newsletter, and she is the secretary for the 1994 Pa. Northeast Master Gardener Conference.

The Amateur Herbalist Club meets monthly at the Lebanon County Extension Office. For details, call (717) 270-4391.

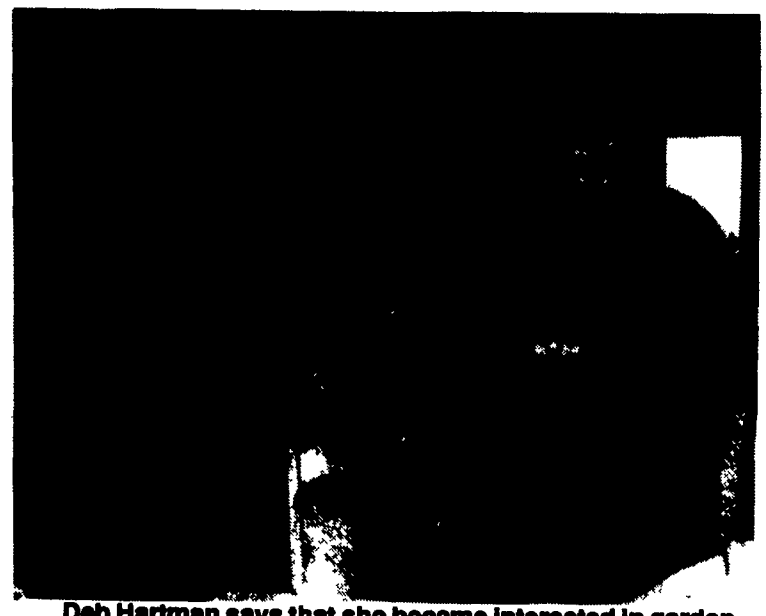
Recently Deb was chosen as Pennsylvania's Master Gardener from the more than 970 Master Gardeners across the state. This was based on her many services to the program in volunteering time and information.

"The award was a surprise," Deb said. "I'm not in the Master Gardener program for the recognition. I'm in it for the enjoyment."

If you are interested in participating in the Master Gardener program, call your county Penn State Cooperative Extension.



The Hartmans built their home with plenty of windows for Deb's plant projects.



Deb Hartman says that she became interested in gardening through her husband George. Now she keeps him busy trying out all her ideas at the couple's property near Schaefferstown.

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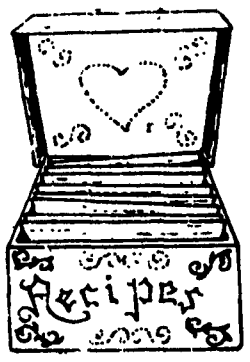

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Carole Nace, Mifflintown, would like a recipe for chocolate trifle.

QUESTION — Rose Futrell, Cape May, N.J. wants a recipe for pumpkin cheese cake that includes cognac.

QUESTION — Bette Lawrence, Honesdale, would like a recipe for pear jam or pear jelly that uses green tomatoes as an ingredient.

QUESTION — Samuel Musumeci, Woodstown, N.J., has a non-cooking question, which he hopes readers can answer. He would like to know where to purchase coal to use in an old forge.

QUESTION — Mel Martin, Penn Yan, N.Y., wants a recipe for regular old-fashioned pretzels.

QUESTION — Pat Elligson, Millers, Md., would like a recipe for kinklings, a deep fried large raised type donut. She had some at the Frederick Co. Fair and would like the recipe.

QUESTION — Mrs. Dixie Fix, Harrisonville, would like a recipe for bananas in red syrup such as those served at the Ponderosa dessert bar.

QUESTION — Cindy Dohoda, Schellsburg, would like a recipe for a good rolled chocolate cookie to cut with cookie cutters.

QUESTION — Lois Martin, Waynesboro, would like a recipe for stack cake that is similar to a fruit cake without nuts.

QUESTION — A New York reader would like a recipe to make venison sausage.

QUESTION — Another non-cooking question comes from Vicky Mitchell, 2275 Nickerson Ct. Fairbanks, AK 99709-6306. She desperately needs an instruction manual to a Commodore sewing machine (model ZE 7932). She will pay for photocopying and postage. Send your information directly to Vicky, please.

QUESTION — Mimi Stoltzfus, Lewisburg, would like a recipe for honey-mustard pretzels such as those sold by Snyders.

ANSWER — A reader wanted to know the rationale for needing to scald milk when a recipe says scald and cool. Thanks to Amy Kresge, Loysville, who says that scalding milk destroys an enzyme that inhibits the growth of yeast. Cooling to 115 degrees or less insures that high temperatures will not kill the yeast.

ANSWER — A Chambersburg reader wanted recipes for bread-making machines. Thanks to a Wellsboro reader for sending several recipes.

Egg Bread
Challah

1 teaspoon dry yeast (do not use rapid rise)
2 cups bread flour
1¼ teaspoon salt
1 tablespoon sugar
1 tablespoon dry skim milk
1 tablespoon sweet butter
1 medium egg plus 1 egg yolk
Warm water, see baking process point for quantity

Put dry yeast in inner pot. Add all remaining ingredients except water and eggs. Break egg in a one cup measuring cup. Add the additional yolk. Fill cup to top with water.

Carefully pour mixture into bread oven and add 2 additional tablespoons of warm water. Press select button for medium. Press start.

Raisin Bread

1½ teaspoons dry yeast (not rapid rise)
2 cups plus 2 tablespoons bread flour
1 teaspoon salt
1 tablespoon sugar
1½ teaspoon cinnamon
1 tablespoon dry milk
1 tablespoon shortening or sweet butter
1 cup less 1 tablespoon warm water
½ cup raisins

Put dry yeast in inner pot. Add remaining ingredients except water and raisins. Carefully pour in warm water. Press select button for medium. Press start button. The electronic beeper sounds 10 times for five minutes before the secondary kneading is finished; at this signal, add raisins.

Irish Raisin Bread

1½ teaspoons dry yeast, not rapid rise
2 cups bread flour
2 tablespoons sugar
½ teaspoon salt
2 tablespoons butter
1 medium egg
¼ cup warm water
⅓ cup warm milk
½ cup raisins

Put dry yeast in inner pot. Add remaining ingredients except water, milk, and raisins. Carefully pour in warm water and milk. Press select button for medium. Press start button. Add raisins when electronic beeper sounds.

White Bread

1½ teaspoons dry yeast, not rapid rise
2 cups plus 2 tablespoons bread flour
1 teaspoon salt
1 tablespoon sugar
1 tablespoon dry skim milk
1 tablespoon shortening or butter
1 cup less 1 tablespoon warm water

Put dry yeast in inner pot. Add remaining ingredients except water. Carefully pour in warm water. Press select button for medium. Press start button. For whole wheat bread, use the same procedure only use 1½ cups bread flour and ½ cup whole wheat flour.

ANSWER — Yes, Jerry Myer, the Raisin Puff Cookie recipe that appeared in this section the first week in December was your wife's recipe. Contributors, please make sure your name and address appears on every page of recipes that you submit; otherwise, the recipe sometimes becomes detached from the name and address.

ANSWER — Brenda Bradish, Latrobe, wanted a recipe for peanut butter logs. Thanks to Diane Tomenchoh, Neshanic Station, N.J., for sending a recipe.

Peanut Butter Logs

Makes two 12-inch logs
12-ounce package peanut butter flavored chips
14-ounce can sweetened condensed milk
1 cup miniature marshmallows
1 cup chopped peanuts

In heavy saucepan over low heat, melt chips with sweetened condensed milk. Add marshmallows; stir until melted. Remove from heat; cool 20 minutes.

Divide in half. Place each portion on a 20-inch piece of wax paper. Shape each into 12-inch log. Roll in nuts, wrap tightly. Chill 2 hours or until firm. Remove paper, cut into ¼ -inch slices.

Microwave in a 2-quart glass measure. Microwave chips, condensed milk, and marshmallows on full power for 4 minutes or until melted, stirring after 2 minutes. Let stand at room temperature for 1 hour. Proceed as above.

ANSWER — Rosemary Matting, 176 Hayes Rd., Kersey, PA 15846, wanted to know where she can get a catalogue to order butchering equipment. A reader suggests she contact Chop-Rite Two, Inc., 531 Old Skippack Rd., Harleysville, PA 19438, (215) 256-4620.

ANSWER — Priscilla Grube, Mohrsville, wanted a recipe to sugar cure smoked ham and bacon. Thanks to Gloria Sweigart, Manheim, for sending a recipe.

Sugar Cure Hams And Bacon

1 quart salt, not iodized
3 tablespoons pepper
½ pound dark brown sugar
1 ounce saltpeter

Mix ingredients thoroughly with hands in a large pan. Leave rind on meat. Place some cure on plank and rub some on the rind. Lay flat. Using a handful at a time, rub into top and sides of meat so all meat is covered and the extra spread evenly over the meat. Do this three times at two-week intervals. Hang and wash off the cure and paint with liquid smoke or hang in smokehouse.

Liquid smoke: pour into pan and using a 1½ -inch brush, brush paint smoke all over the meat. Let hang 2 weeks, repeat. (Must hang in a cool, dark place). Let hang two more weeks to rest. Meat is ready to cut.

ANSWER — Maybelle Page, Oxford, wanted a recipe for a good black walnut cake. Thanks to Gloria Sweigart, Manheim, for sending one.

Black Walnut Cake

Ingredients should be room temperature. Sift together:
2½ cups sifted flour
1⅔ cup granulated sugar
3½ teaspoons baking powder
Add:
⅔ cup shortening
¾ cup milk
1 teaspoon vanilla
Beat 2 minutes. Add:
5 egg yolks
½ cup milk
Beat 2 more minutes. Add:
1 cup finely chopped black walnuts
½ teaspoon walnut flavor

Pour into 2 greased and floured 9-inch pans. Bake at 350 degrees for about 30 minutes.

(Turn to Page B9)

Soups

(Continued from Page B6)

VEGETABLE SOUP

1 quart carrots, sliced or diced
1 quart onions
1 quart peas
1 quart celery, diced
Salt, to taste
1½ pounds ground beef, browned
½ cup sugar
1 tablespoon chili powder
1 quart corn
1 quart diced potatoes
1 quart soup beans
1 cup uncooked alphabet pasta

Soak beans overnight. Cook potatoes, celery, and carrots until almost soft. Mix together, add 4-5 quart tomato juice. Put into jars to pressure can according to instructions. Makes 7 to 10 quarts.

A Reading Reader

ASPARAGUS SOUP

1 bunch asparagus
½ cup butter
1 medium chopped onion
½ cup flour
2 cups milk
1½ to 2 cups chicken broth
1 cup grated cheddar cheese

Cut asparagus into small pieces. Boil in a small amount of water. Drain most of the liquid and set asparagus aside.

Saute onion in butter until transparent. Stir in flour and cook 5 minutes. Add milk slowly, continually stirring. Stir in cheese and blend until smooth. Slowly blend chicken broth into sauce mixture, add pieces of asparagus. Stir to blend well. Add salt and pepper to taste. Simmer about 15 minutes.

Lois Matter
Millersburg

TURTLE SOUP

1 turtle
1 chicken
2½ quarts corn
1½ quarts finely cubed potatoes
9 hard boiled eggs
Salt and pepper, to taste

To prepare turtle, chop head off with an ax. Rinse the turtle in plenty of cold water immediately after the head is removed or hang the turtle, neck-down on a hook until the blood stops flowing. Wash carefully, then drop into a large quantity of salted boiling water and cook 10 minutes. Pour off water and rinse in cold water.

Rub the skin off the neck and legs with a coarse towel. With pincers, pull the nails from the claws. Cover again with boiling water and add 1 or 2 slices of onion and a stalk of celery. Cover and simmer 45 minutes or until the legs yield when tested between thumb and forefinger. Let the turtle cool in the cooking water, drain. Place on its back, then use a sharp knife to cut the body loose from the shell. Remove the sac near the back of the head. (This is the gall bladder and will cause the meat to taste bitter if not removed). Also remove the little sections known as sandbags. The liver, heart, and eggs may be cooked and used with the meat.

For the soup: Cook the turtle and chicken until soft. Pick meat off the bone and cut fine. Grind skin, heart, liver, and gizzard. Boil potatoes in broth until soft and add corn, if canned. If corn is fresh, boil with the potatoes. Add meat.

My mother said this recipes works very well. My husband caught at least 6 snapping turtles in our creek last summer. My mother cooked the first one for him. Even though it was delicious, he wasn't interested anymore after catching a few more of those ugly duck eaters!

Hazel Yoder
Belleville

New Year's Resolutions

SOUTHAMPTON (Bucks Co.) — With the onset of a new year come the traditional resolutions many of us make. For some, these promises often involve weight loss. according to Althea Zanecosky, a registered dietitian at Dairy Council, Inc., a "gradual" shift in weight reduction is more likely to last than a sudden dramatic loss in weight.

"If weight loss is your goal, do it slowly and easily" advises Zanecosky.

Zanecosky recommends the following tips for healthy weight loss: eat foods high in fiber like fruits and vegetables, which are rich in nutrients and low in fat; try low fat toppings for vegetables like lemon juice, freshly ground pepper or herbs, and nonfat yogurt sauces.

"Eating high fiber foods is a good way to feel satisfied without eating a lot of calories," said Zanecosky.

For those whose aim is to lower fat, Zanecosky suggests: buying low fat or skim milk; substituting ground turkey for all or part of the beef in a recipe; having air-popped popcorn or pretzels for snacks.

If healthier restaurant eating is your goal, Zanecosky recommends: selecting foods that are "cooked to order;" ordering sauces and dressing served on the side and used sparingly; diluting alcoholic drinks with club soda, seltzer, or water.

And if minimizing major health risks such as cancer and heart disease is at the top of your list, Zanecosky says you should eat a cabbage family vegetable, like broccoli, cauliflower, kale, or Brussel sprouts, at least once a week; replace salami, bologna, and other fatty luncheon meats with leaner sliced turkey or roast beef; eat cereals made with whole grain bran or oats and top with fruit and skim milk.

Cook's Question

(Continued from Page B8)

ANSWER — Cindy Dohoda, Schellsburg, wanted a recipe for strawberry mousse. Thanks to Mrs. Christ King, Kinzers, for sending a recipe.

Strawberry Mousse

1 quart strawberries
1 cup sugar
2 envelopes unflavored gelatin
2 cups heavy cream

Crush berries with sugar. Let stand one hour. Rub berries through a sieve. Mix gelatin with ½ cup cold water, heat until gelatin is dissolved. Add to strawberries and chill until syrupy. Whip cream into strawberry mixture. Pour into freezing trays and freeze until set.

ANSWER — Thanks to a reader for sending a baked squash recipe for Dorothy Miller of Bruceton Mills, W.Va.

Baked Stuffed Zucchini

2 large zucchini
2 large onions, chopped
3 tablespoons butter
1 teaspoon salt
½ teaspoon pepper
½ teaspoon nutmeg
½ cup bread crumbs
2 eggs
⅓ cup grated cheese

Bring a large kettle of water to a boil. Add zucchini and boil about 8 to 10 minutes. Plunge into cold water. Allow to cool.

Meanwhile, saute onions in 5 tablespoons butter. Cook until onions are soft and transparent. Do not allow the onions to color. Set aside. Make the sauce.

White Sauce:

4 tablespoons butter
3 tablespoons flour
1 cup milk
½ teaspoon salt
½ teaspoon pepper

Melt butter in a saucepan, add flour, salt and pepper. Cook gently 3 to 4 minutes. Do not allow flour to burn, stir constantly. Change to a whisk. Add milk, cook and whisk until thick. Sauce will be boiling gently. Set aside.

Split zucchini lengthwise, gently scoop out the centers, leaving a ½ -inch shell. Chop centers if necessary, add to sauteed onions, reheat and cook gently two or three minutes. Add salt, pepper, and nutmeg.

Add the white sauce and bread crumbs. Mix. Beat eggs with a fork and stir into the mixture — stir thoroughly to prevent eggs from scrambling.

Place zucchini shells on a baking sheet. Fill with the white sauce mixture. Sprinkle with the grated cheese. Bake 15 minutes at 350 degrees. Serves 6 to 8 people.

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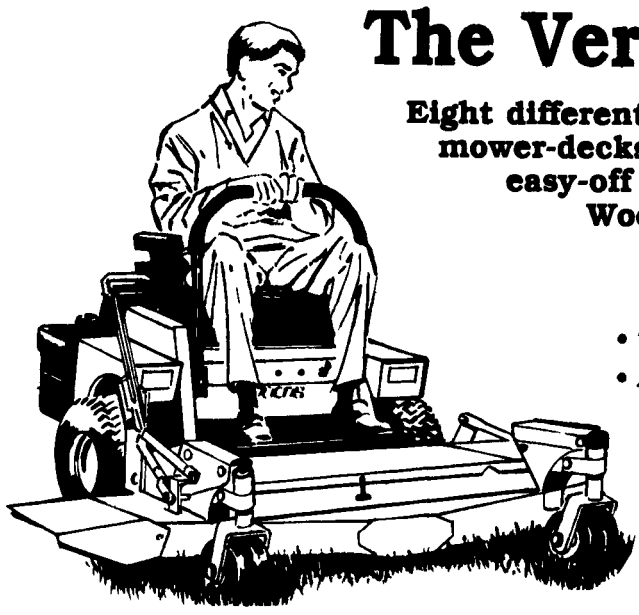

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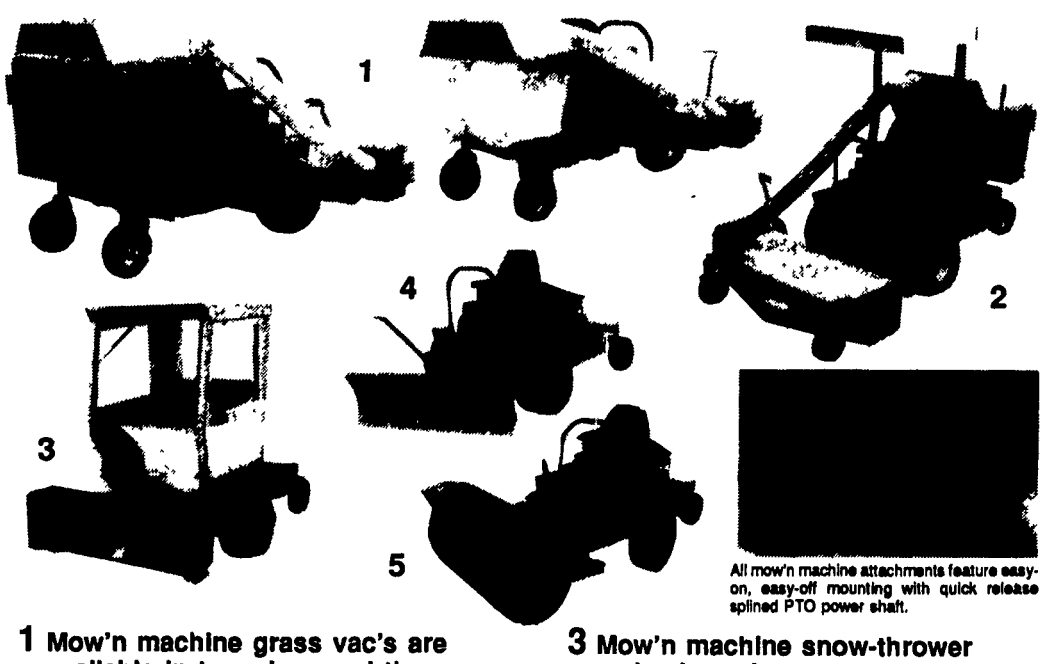

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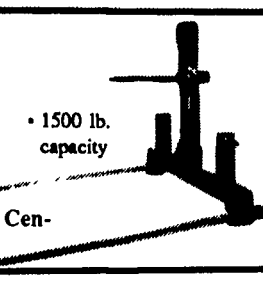

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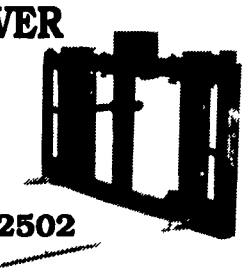

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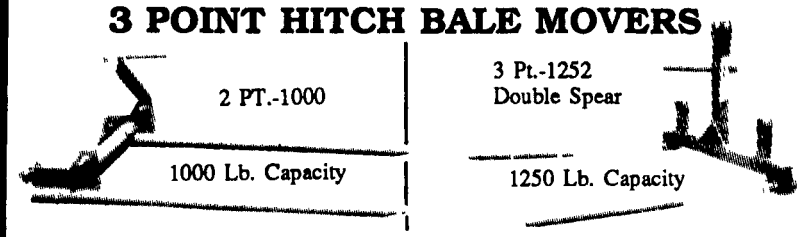

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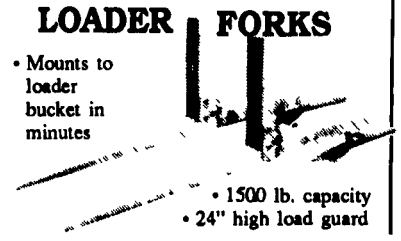

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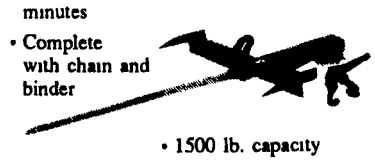

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There's More To Snow Than Snow

After slogging through it, being stuck in it and even dying from it, you'd think that human beings by now would know everything there is to know about snow. Not so.

Solid, liquid and gas at varying times, snow is a complex substance whose behavior — on land and in the air — still eludes scientists. Wet snow is an entirely different material from dry snow, and within the wet and dry categories are numeorus different types.

When snow hits the ground, it is no longer the same substance that has been falling through the atmosphere. And fallen snow, a good insulator of the soil it blankets, undergoes constant change.

What happens to snow on the ground - how it bonds, breaks apart, melts and refreezers - matters for everything from avalanche prediction to the design of better-performing tires for military tanks and private cars, safer skis for airplanes, faster skis for people, more effective but environmentally correct deicing chemicals for highways and "grooming" techniques for smoother, longer-lasting snow roads and snowmobile trails.

The end of the Cold War has melted some snow-cover research, says Russell Alger, director of the Institute for Snow Research in Michigan's Upper Peninsula. Except for Bosnia in winter, the big push now militarily is for improved vehicle mobility — not in snow, but in desert sand.

More than 95 percent of Earth's seasonally snow-covered land lies in the Northern Hemisphere, which holds most of the planet's landmass.

From December through March, the white stuff blankets 16 million to 20 million square miles of the hemisphere, the majority of the land north of 40 degrees latitude. By midsummer it all disappears, except for glacial snow and ice fields.

Since 1972, satellite images, which have provided the first consistent record of snow coverage, have shown that the year-to-year horizontal expanse of winter snow has not varied significantly across the Northern Hemisphere as a whole.

"But the snow has melted earlier in the spring in the past six years — in March and April, rather than April and May," says geographer David A. Robinson of Rutgers University in New Jersey, who has analyzed the satellite data.

"The biggest change in recent snow cover is not so much its lack in winter as its early end, its reduction in spring," agrees Kenneth F. Dewey, professor of climatology at the University of Nebraska.

Why the early spring snow loss? Scientists aren't sure.

"There is a strong correlation between temperatures in the Northern Hemisphere and the extent of snow cover," says Robinson. "Does recent warmth in spring cause the early end of snow cover, or does the early snow loss have a subsequent impact on temperature? Once you have the loss, it kind of snowballs."

Researchers are "trying to unravel this chicken-and-egg question," Robinson tells National Geographic. "It is too early — the record is too short — to attribute this to global warming."

While snow coverage has not changed much globally, snow depth may have decreased. There is no similar satellite record, because the current technology cannot yet distinguish different snow depths.

"Monitoring snow cover may give an index to future climate change," says Robinson. "Snow has to be an important piece of the climatological puzzle."

Earth loses a good portion of its heat from the reflection of sunlight off snow.

Snow on the ground, especially fresh snow (the whitest), reflects back about 90 percent of sun's rays, says Samuel C. Colbeck, a senior research scientist at the U.S. Army Cold Regions Research and Engineering Laboratory in Hanover, N.Y. "The more snow cover, the more solar radiation is relfected back."

To fit another piece into the weather puzzle, Dewey is analyzing satellite data of Southern Hemisphere snow cover for the first time to determine whether it is in phase with the Northern Hemisphere's. About 800,000 square miles of the Southern Hemisphere, mostly in South America, is snow-covered seasonally.

Although it may seem odd, it hardly ever snows in Antarctica, Earth's driest continent. Antarcitica gets less than 2 inches of new snow a year.

Etching new trails in spring snow, expert skiers swoop down the Canadian Rockies in British Columbia. Scientists study what happens to the white stuff, which changes constantly on the ground, to improve avalanche prediction and to design faster skis, better-performing tires and safer de-icing chemicals.

Snow, which covers more of Alaska than any other U.S. state, blankets an abandoned copper-mining camp in the Wrangell Mountains. The deepest seasonal snow is found in Southeast Alaska and Washington state. More than 95 percent of the earth's snow-covered land lies in the Northern Hemisphere.

Batteries Going Green

Joy Eschenbach
National Geographic
News Service

WASHINGTON, D.C. — 'Tis the season to buy batteries — not to figure out how to get rid of them.

During the holidays, gadget-crazy Americans grab up the largest percentage of the 2.5 billion household batteries sold in the United States each year.

It's not just gift-giving that boosts sales of these small technological wonders that inevitably wind up as toxic trash. Dark winter weather demands fresh batteries for flashlights and helps put the annual charge into the dry-cell battery market.

More than 90 percent of household batteries are non-rechargeable and most will end up in municipal dumps or incinerators. As the casings decay, their potentially toxic contents, particularly mercury and cadmium, could leak from landfills and thence sink into underground water supplies. Or, the poison could fall to the ground from incinerator stacks.

But batteries — by nature capsules of chemicals — are now "greener" than they've ever been. Manufacturers are taking the heavy metals out of many of them.

To promote environmentally correct batteries, a number of states have banned the use of mercury. A handful of cities and counties are encouraging safe disposal by collecting dead batteries by the bucketfuls.

Eveready's Energizer alkaline battery boasts: "Mercury not included." Duracell too has re-engineered its alkaline batteries to eliminate the substance. The world's two biggest battery manufacturers say that means that their most popular types of household batteries contain no added mercury — apart from trace elements that naturally occur in any battery.

"We believe it's smarter to avoid harmful materials in the first place, rather than worry about disposal later," says Eveready's Keith M. Schopp.

In 1992 Eveready introduced a no-added-mercury zinc-air hearing-aid battery to replace mercuric oxide ones that were 35 percent mercury.

Button-cell batteries, like those used in calculators, contain the most mercury. More and more camera batteries are being made of longer-lasting, less-toxic lithium.

"It's better for the environment that the mercury is out, but that doesn't mean batteries are innocuous," says Juliet Rogers of the New York-based Natural Resources Defense Council. "There are still metals in there that are going to be leached out."

Like the disposable batteries, the rechargeable varieties, used in camcorders, power tools and portable vacuum cleaners, now contain less than .025 percent mercury. But the cadmium in the rechargeables has increased, Rogers tells National Geographic — except for a new type made by Rayovac that is alkaline instead of nickel cadmium.

Batteries that can be recharged 300 to 1,000 times have reduced landfill waste. But when eventually discarded — many still sealed within the product — they put hundreds of tons of highly toxic cadmium into the environment every year.

Some environmentalists say that no battery of any type should enter the waste stream. But because of the expense and logistical problems, very few batteries are recycled nationwide.

Federal hazardous waste regulations exempt household trash, which is governed at the municipal solid waste level.

Ida's Notebook

Ida Risser

A new year and a new start. And yet, I would suppose that despite our best intentions most of us will continue in our old ways. Habits are so hard to break.

Maybe we go to bed too late or get up too late in the morning. But it is so nice to have some quiet time at the end of the day. Maybe we eat a bit too much, but again, it does taste so good.

It is so easy to talk before you think about how the words will affect someone else. Just the other day, I thanked a neighbor for the "little loaf of bread." Now I certainly didn't mean to emphasize the word "little" but it sounded that way. You can't take the words back once they are spoken.

Last week I had the opportunity to take care of our two grandsons for two days, I may have been a bit out of practice to care for a two-week-old but he was a good baby for me.

The three-year-old and I played a lot of games as he just had a birthday and received many presents. He wanted the same books read to him over and over again despite the fact that he had lots to choose from.

We do not have the chance to see most of our grandchildren grow up as they are scattered over the country. So, we are thankful to have some nearby and we hope the new year will bring more good things than bad things.

Irish Setter
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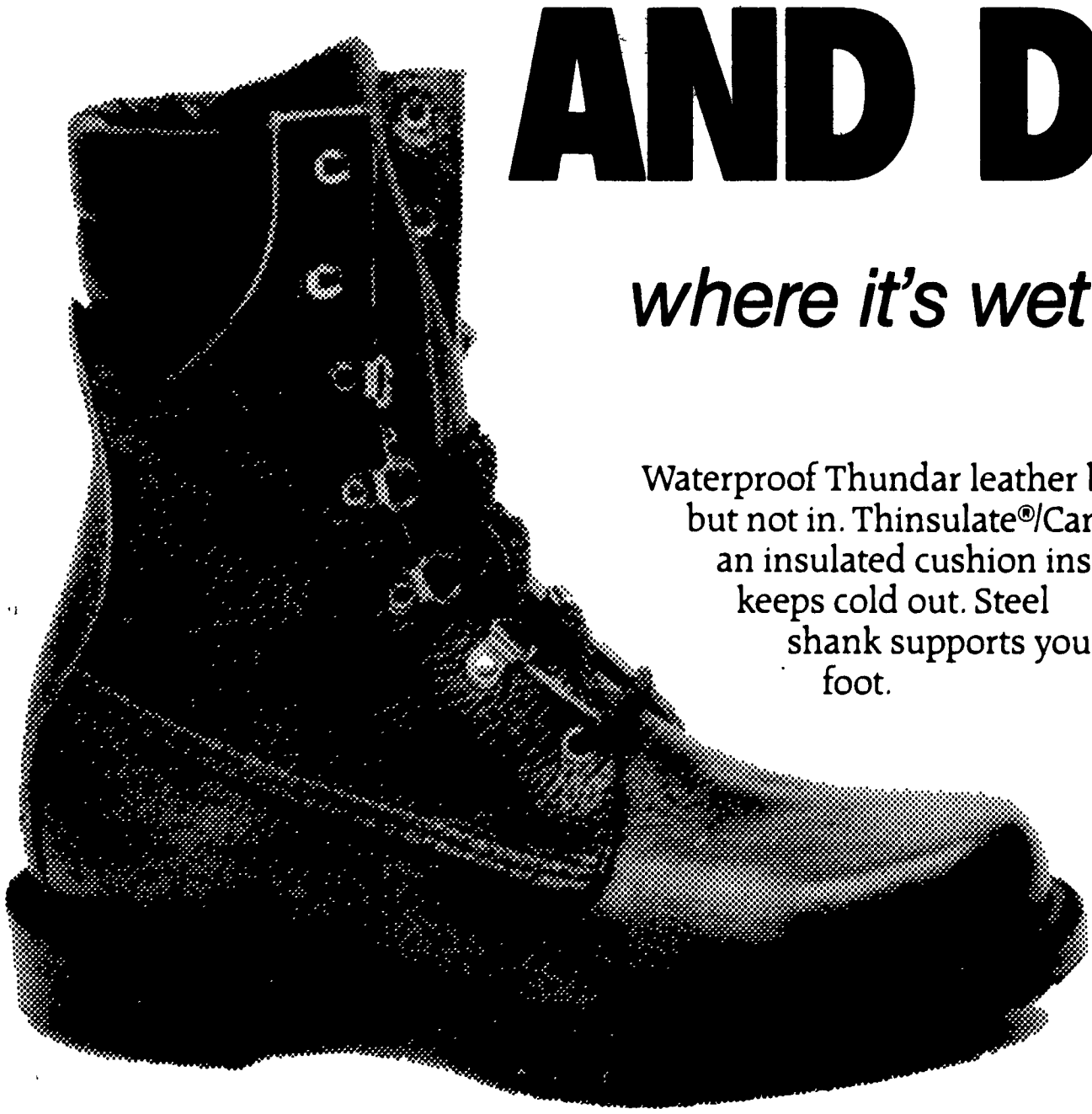

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College Student Helps Develop New Frozen Yogurt Product

BONNIE BRECHBILL
Franklin Co. Correspondent

UNIVERSITY PARK (Centre Co.) — "What is food science anyway?" Christiana Keener is often asked when she mentions her major.

The Penn State senior has a ready answer: "Think about a tomato growing on a vine, and wheat growing in a field in the midwest. Everything involved in making a can of ravioli from them and placing it on your grocery store shelf is food science."

People often confuse food science with home economics, nutrition or food service, Keener, 23, said. "Sometimes they ask me if I'm going to open my own restaurant."

Food science is a combination of chemistry, biology, nutrition and engineering, Keener said. Statistics and sensory evaluation (taste testing) are both important.

Keener plans to use her food science knowledge to develop reduced-fat or non-fat desserts. "I have a sweet tooth," she admitted. "Like many consumers, I don't like to pay for it (calorie-wise)."

"I like the products that are out there, but there could be a greater selection. Americans are concerned about their health and their fat intake. But sometimes we want something sweet to eat."

Considering that outlook, Keener must have been in four-percent-fat heaven when she was accepted as a paid summer intern a the Haagen-Dazs technical center in Fairfield, NJ in 1992. She combined her science background and her creativity to help create several frozen yogurt products. "It was exciting for someone who doesn't even have a bachelor's degree yet," she said.

There had been some projects milling around at Haagen-Dazs for awhile, according to Keener, and those ideas were combined with hers.

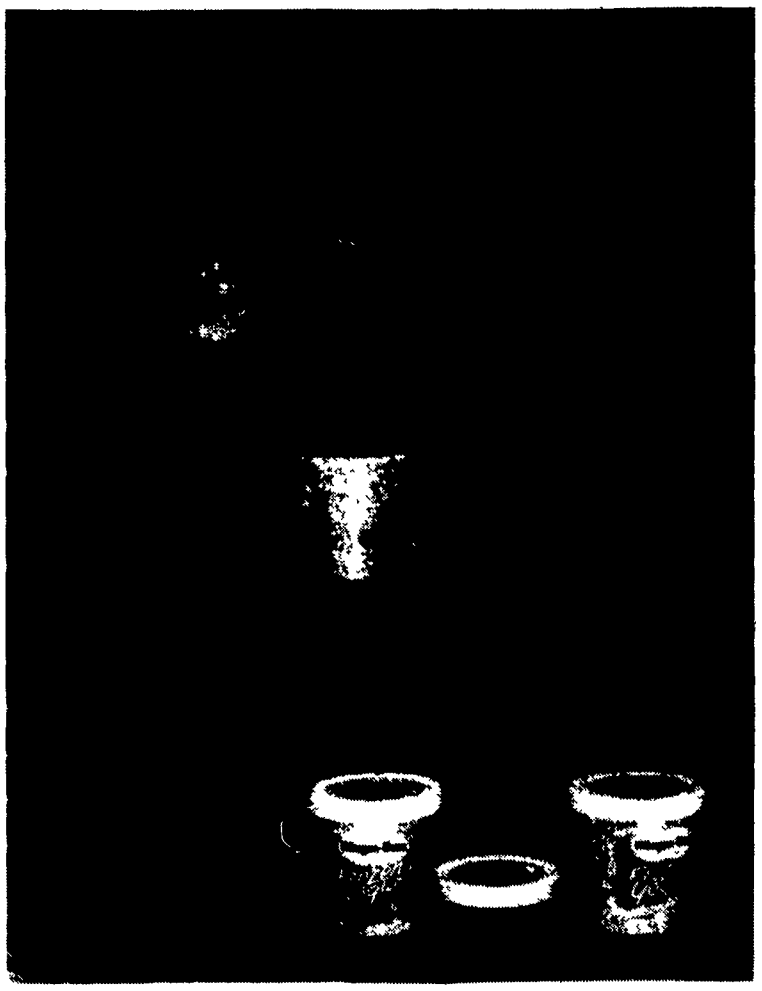
"I was surprised at how much I was respected. My supervisor, who has a PhD., wanted to know what I thought of her ideas. These people had years of experience and education. It was amazing how much they respected my ideas for products that were seriously being considered for the market."

On her first day at Haagen-Dazs, Keener had an idea for Strawberry Cheesecake Craze, a cheesecake-based frozen yogurt with a strawberry swirl.

"I wanted to make it more like a cheesecake-eating experience," Keener explained. "The big difference between this and other cheesecake frozen yogurt products is the inclusion of graham cracker clusters. You're getting pieces of the crust with every bite, just like you would if you were eating a forkful of cheesecake."

Strawberry Cheesecake Craze, which is in Haagen-Dazs's Extraas line of frozen yogurt, has seven grams of fat per cup. "That's a lot better than eating a piece of cheesecake," she observed.

While Keener did a lot of work on Strawberry Cheesecake Craze, she was not at Haagen-Dazs long enough to complete the process of getting it onto the market. Her supervisor continued with it, however, and Strawberry Cheesecake Craze is now available in central Pennsylvania and elsewhere.



Christiana Keener helped to develop three varieties of Haagen Dazs frozen yogurt while working as a summer intern.

Kenner's supervisor at Haagen-Dazs, Sherri Slocum, said that the summer intern was "very much a perfectionist. She was always looking for the right answer."

Keener spent a lot of time in the product development lab in pursuit of those answers.

The lab looked less like a labratory than like a well-equipped kitchen. "It had a microwave, freezers, lots of counter space, and lots of ingredients and flavorings," Keener said.

In this encouraging environment she worked on various mixtures for new frozen yogurt products. "I varied the levels of the goodies (what food scientists call 'particulates') to mix into the frozen yogurt background."

Of course, Keener had to taste her creations.

"It was a requirement for the job," she said. "I rarely ate dinner after woking."

When Keener was satisfied with a product, her supervisor and the director of product development would try it. If they approved, it went on to the marketing department.

"Marketing decided if it was the

(Turn to Page B15)

During Thanksgiving break from college, Christiana got reacquainted with her family's ram, Tom. Christiana showed sheep from fifth grade through high school, but no longer has time due to her college studies and summer internships.

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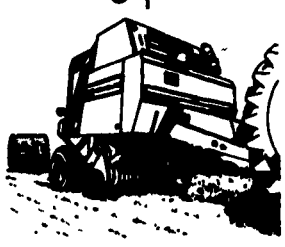

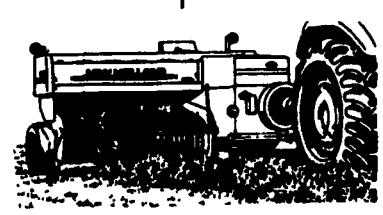

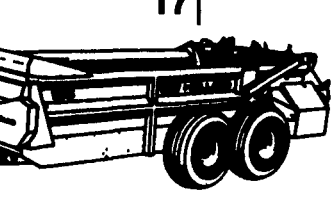

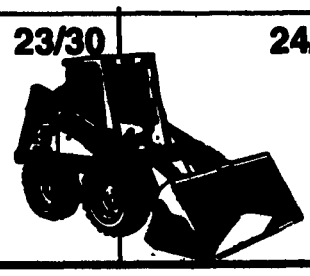

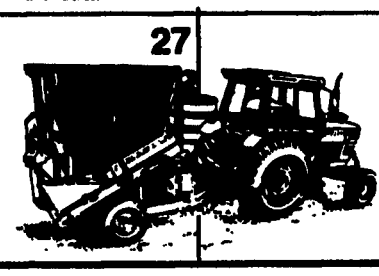

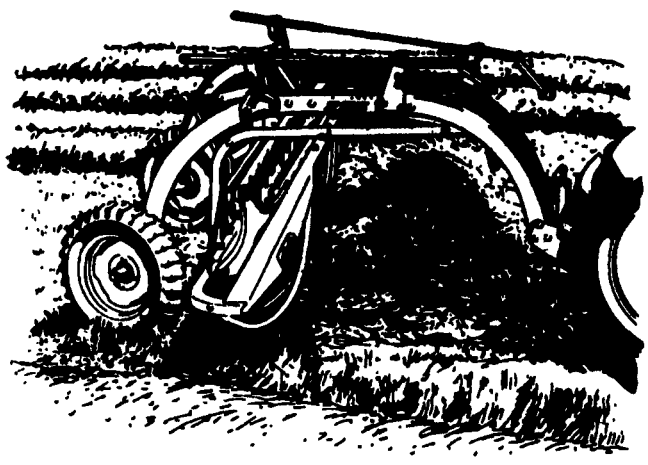

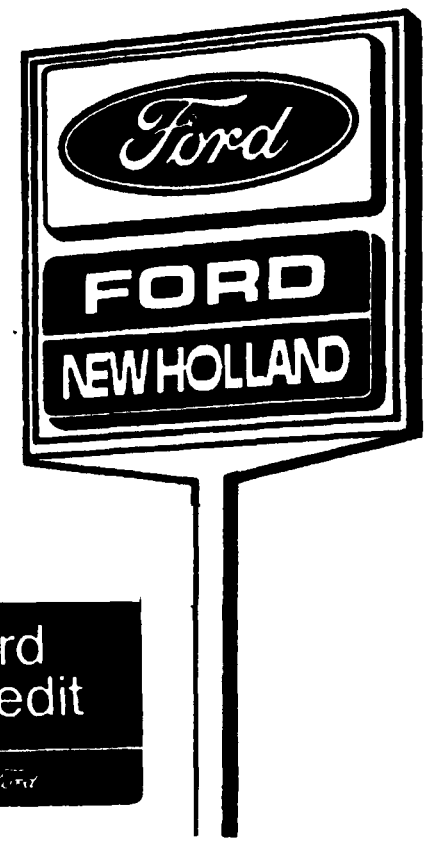

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Gingerbread City Benefits Berks 4-H

CONNIE LEINBACH
Berks Co. Correspondent

WYOMISSING (Berks Co.) — A gingerbread village of more than 47 houses and featuring an electric train traveling through them came and went one recent weekend in the Berkshire Mall.

The imaginatively decorated houses came in an astonishing variety of styles and degrees of architectural difficulty. One house was a contemporary-style, split-level wonder with a turret, whose entire roof was decorated with Twizzler licorice sticks. This house was one of three created by Tony Boulos, certified executive chef of the Holiday Inn in Fogelsville, Lehigh County.

Others looked like mansions of old, decorated with amazing configurations of candies. A couple of them even came with an outhouse. Still others were simple four walls with elaborate yards.

All, of course, were totally edible.

The houses were built by members of the American Culinary Federation Berks-Lehigh Chefs Association as part of their Chef and the Child Foundation efforts.

"They were all made in the past week," noted Kevin Eiche, a sous chef at the St. Isaac Novitiate in Wernersville, Berks County, who chaired the event.

About 20 chefs from Berks County participated in the raffle, with some making several houses for the event.

After expenses, part proceeds of the raffle will be donated to the Chef and the Child Foundation and the other part to the Berks County 4-H club. Particularly, funds will go toward the foods and nutrition program of this 4-H group, noted Rick Kauffman, 4-H extension agent.

Proceeds from the raffle also help sponsor the annual day camp program in the summer, which many chefs in the area participate in by helping teach kids about nutrition and by helping the kids cook foods," Kauffman said.

"The chef's association has been really great to do this for us," Kauffman said. "With the money they've donated, the extension has had a 4-H food leader training session. Several area chefs came to the 4-H Community Center and showed the kids how to prepare certain foods."

Pat Golembiewski, a professional cake maker from Wyomissing and co-chair of the event, noted that each chef takes several days to construct the houses.

First the gingerbread has to be baked. After that, it must harden for a few days. Then the walls are constructed and also must harden in the icing for a day or two. The same must be done with the roof.

"You want the roof sturdy," Pat said. "You don't want to push and shove candy into the roof if it's not strong."

All the chefs paid for ingredients out of their pockets, Golembiewski said.

Pat Golembiewski, left, co-chair of the raffle, and Kevin Eiche, chair of the raffle, hold a plaque commemorating the raffle's contribution to the Berks County 4-H.

Elaborate gingerbread houses created by chefs in Berks and Lehigh counties cause a lot of "ooohs" and "aaahs" at the Berkshire Mall in Wyomissing.

Catherine Farley, 4, and Alec Farley, 6, of Boyertown, are delighted with the gingerbread house that Tony Boulos, certified executive chef for Holiday Inn of Lehigh County, presents to them during the raffle.

Some gingerbread, an assortment of candy and a lot of imagination and time is all it takes to create fanciful gingerbread houses.

Guidelines For Nursing Home Visit

HONESDALE (Wayne Co.) — If you have a loved one in a nursing home, Debra Bryant, Penn State Extension Agent, reminds us the most precious gift we can give, is our presence. Don't expect that visits by you and other family members will necessarily improve family harmony or the patient's mental health. But, visits will provide some of the most enjoyable experiences a nursing home patient will have. Take cues about the length of the visit. It it's too short, you may not hear of concerns or the visit may be forgotten. If it's too long, the resident may become tired. In addition to timing of visits, it's important to limit the number of people at one time. Several people at once may increase confusion or anxiety for the resident. Furthermore, nursing home space usually is limited. Bring children to visit. Tell them what to expect and answer questions on their level of understanding.

This is also cold and flu season. So if you aren't feeling well or have the sniffles, call rather than visiting in person.

make it milk

New Frozen Yogurt

(Continued from Page B12)

type of product the public would be interested in, and if it met the Haagen-Dazs image," she said.

She also worked on two other Extraas flavors that Haagen-Dazs was already developing. She did stability testing on Brownie Nut Blast, a chocolate frozen yogurt with brownie chunks and pecans, and Raspberry Rendevous, vanilla frozen yogurt swirled with raspberry sorbet. "The frozen yogurt base has four percent fat, and the raspberry sorbet is fat-free," making the complete product very low in fat, Keener noted.

Keener's experience at Haagen-Dazs cemented her interest in product development. The skills she learned as an intern can be applied to any food, she said.

This past summer Keener was an intern at M&M/Mars in Elizabethtown, where she did lab research on one of the major chocolate brands, exploring various properties of chocolate. And, "the place smelled wonderful," she said.

The M&M/Mars job was more research-oriented than her Haagen-Dazs experience; she ran experiments and analyzed products she made. Here also, she had to taste her creations. While readily admitting to being a chocoholic, Keener said she "tried not to always consume the product. You start to pay for it after awhile."

The daughbter of D. Mark and Elisabeth Keener of Chambersburg, Keener was recently accepted at Kansas State University's graduate school in the field of grain science. She would like to work as a product developer for a food company that markets complex carbohydrate foods such as cookies, cakes and crackers.

Calling her internships "wonderful opportunities that I snatched up," Keener said that such work experiences "are great for applying classroom knowledge to the real world of the food industry. In school, we learned a lot of theory, but we didn't get to make new foods."

While she may not have been creating new taste sensations at Penn State, she was part of the school's long-standing ice cream tradition. She worked in the Creamery one summer helping to process dairy products. Later, she gave tours to visitors, explaining how raw milk from the school's dairy herd was transformed into ice cream and cheese.

Keener's association with Penn State started while she was still a student at Chambersburg Area Senior High School. Between her junior and senior year, she attended the five-week Pennsylvania Governor's School for the agricultural sciences at Penn State.

This experience clilnched her decision to be a food science major, she said. She especially enjoyed the "From Bean to Bar" lab at the Governor's School, where students process cocoa.

"This was an aspect of agriculture that I hadn't been exposed to before," she said. "There's a lot of chocolate research going on here. The American Cocoa Research Institute is part of the Food Science department here."

Tractor Manufacturer Offers Seat For Extra Rider

UNIVERSITY PARK (Centre Co.) — Farm equipment manufacturers are taking steps to improve tractor safety by offering models equipped with an extra seat. But the ability of these devices to reduce fatalities remains unknown, says a safety expert in Penn State's College of Agricultural Sciences.

"Each year, approximately 300 American farmers die in tractor accidents," says Dr. Dennis Murphy, professor of agricultural engineering. "Some of the saddest incidents involve extra riders who fall from moving equipment and are crushed."

Some 1993 tractors now include a passenger seat with a seat belt. "So far, only one U.S. tractor manufacturer sells models equipped with a passenger seat," Murphy says. "Whether others will follow remains to be seen."

It is common practice for tractors sold in some European countries to have a passenger seat, but American farm safety professionals are just beginning to debate the merits of the device.

By offering an extra seat, U.S. tractor makers are acknowledging that farmers do not always choose the safest course of action. "An extra person will ride on a tractor for various reasons, including instruction or convenience," Murphy says. "Allowing an extra rider on a tractor can become deadly. Unfortunately, it happens. For instance, employees will ride on a tractor for transportation around the farmstead and the field."

Murphy says that the best policy remains keeping extra riders off a tractor. "But if people aren't willing to do that, at least this seat offers some protection. The passenger seats are available only in tractors that have an enclosed cab with a rollover protection structure, or ROPS, which prevents the rider from falling into the path of the tractor.

"The seat's design also discourages long rides, which is good," Murphy says. "It's too early to say these seats are absolutely safe, but they do provide a safer location for a passenger than those typically selected on tractors without provisions for a rider."

A property positioned passenger is less likely to hamper the safe operation of the controls or obstruct the operator's vision. "If an accident does occur, the passenger is less likely to be injured in a passenger seat with the seat belt secured than in any unrestrained location," Murphy says.

However, Murphy fears that some farmers will abuse the device. "The seat is designed only for short rides and is not intended for children," he says. "If farmers don't respect those limitations, tragedies may result."

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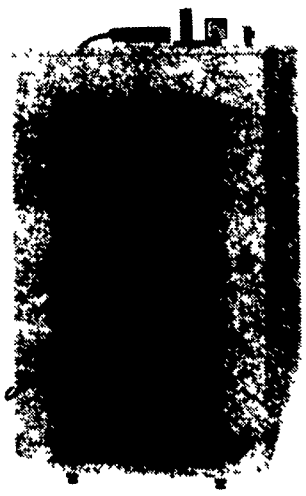

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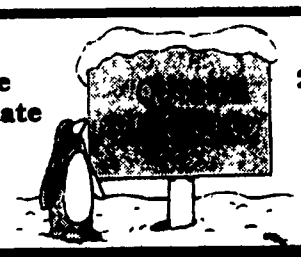

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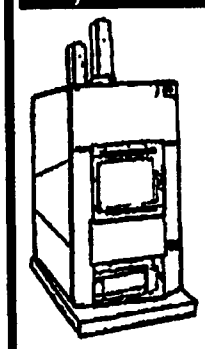

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4-H HAPPENINGS

Hunterdon County N.J. 4-H Sheep Club

On Saturday, December 4, the Hunterdon County 4-H Sheep CLub held its monthly meeting.

The topic of lambing was discussed. The club held its annual Christmas party and exchanged gifts. The group discussed the achievement dinner, and recognized the members who got awards.

The dinner was held at the extension center in November. The members decorated wreaths for the annual Christmas Wreath Sale and handed them out.

On March 5 the club will set up a booth at the Flemington Mall for 4-H Kids Day at the Mall.

P.A.W.S. 4-H Dog Obedience Club

The Hunterdon County, N.J. P.A.W.S. 4-H Dog Obedience Club held a business meeting and Christmas party.

At the business meeting the group discussed new and old business. The club made a donation to the Raptor Trust for the tour they gave the group.

At the Christmas party, the members played games, ate food, and listened to music. The Hayshakers 4-H square dancers put on a demonstration during the party.

The next meeting will be held on January 5 at 6:30 p.m. at the extension center. The topic for that meeting will be the Beagle Brigade demonstration.

Young Riders of Hunterdon N.J. 4-H Club

The Young Riders 4-H Club started preparing for the State 4-H Horse Bowl.

The Horse Bowl is a game where participants answer questions about the horse's anatomy. Participants slowly work their way up to the state competition.

The club sold hot chocolate, chili, cookies, and coffee at a local tree farm two weekends this month. The club will be caroling for the Valley View Nursing Home and collecting toys for those less fortunate.

John Jeness of Kingwood Township gave a demonstration about safe grooming.

The next meeting will be January 4 at 7 p.m. at Barbie Elezaby's house in Kingwood.

Somerset County 4-H'ers Attend National Congress

Three Somerset County 4-H'ers were recently recognized as Pennsylvania state winners in the National Awards Program. They were members of a group of 38 delegates to attend the five-day National 4-H Youth Congress held at the Chicago Hilton and Towers in December.

Delegates, including those form Somerset, were selected from the more than 119,000 4-H members in Pennsylvania based upon their record of community involvement, excellence in their selected program area, and leadership skills.

Jennifer Black, daughter of Doug and Peggy Black of Boswell and member of the Brotherton Belles & Beaus and Steaks & Chops 4-H Clubs, was selected in the breads category and sponsored by Fleischmann's Yeast.

Valerie Castro, daughter of Donald and Vernice Castro of Berlin and member of the Valley 4-H Club, was selected in the photography category and sponsored by Eastman Kodak.

Natalie Welch, daughter of David and Connie Welch of Berlin and member of the Milksquirts 4-H Club, was selected in the consumer education category and sponsored by Somerset County 4-H Development Fund.

They joined more than 1,500 delegates from across the nation in attending the 72nd Annual National 4-H Congress, jointly sponsored by the National 4-H Council, U.S.D.A. and private donors. Highlights of the five-day congress included daily programs by major corporate sponsors, visits to such landmarks as the Chicago Mercantile Exchange, The Chicago Board of Trade, the Cook County Courthouse, and several of the outstanding museums in the Chicago area.

Natalie Welch

Jennifer Black

Valerie Castro

4-H Tractor Safety Club Gears Up For 1994

The Lebanon County 4-H Tractor Club is once again gearing up for this year's program.

Del Voight, Lebanon County Agent, alerts interested individuals to the start date of **Tuesday, January 4,** at **7:30 p.m.** at the **Lebanon Valley Agricultural Center.**

At the meeting a videotape entitled "Farm Safety for Kids" will be shown. All are invited to attend. The 4-H Tractor Program gives youth an opportunity to "learn by doing."

The course will meet on consecutive Tuesday nights from 7:30 p.m.-8:30 p.m. starting **January 18.** At the meeting you will learn that better, and safe, tractor care results in longer tractor life, more power, and lower operating costs. When you learn how to do many small but important tractor maintenance jobs, you will gain better production from farm units and you will cut down on costly breakdowns. Older members will learn machinery maintenance and repair.

While you are learning how to care for your tractor, you should also learn how to be a safe operator. Another important goal of this program is to help you form good safety habits so you can think and act safely at all times.

Maybe you or someone you know is interested in working on a farm this summer. If so, it's important that you become certified tractor operator. One segment of the 4-H program, the Occupational Hazard Course, offers 13-15 year olds the training required to be certified to operate farm machinery. This is the only time the course and examination will be offered, so tell your friends and neighbors.

If you have questions, call Del Voight at (717) 270-4391.

4-H Horse Council

The Atlantic County N.J. 4-H Horse Council will be sponsoring a day-long horse seminar on Saturday, February 26, at Stockton State College.

Seminar topics include safety and liability for horse owners, emergency first aid, leather and saddlery, and what judge's are looking for in classes.

Each seminar will be presented by experts in that field.

Registration fee is $25; after February 15, $30; and under 18, $15. Cost includes lunch.

For more information, call Louise Sowers, (908) 965-2180 or Patt Callaco (908) 652-1233.

Friends & Riders

Friends & Riders 4-H Club held their final meeting for 1993 on December 14.

They elected new officers for 1994, disgusted proposed changes to the 4-H Horse & Pony Roundup, made changes to their bylaws, reviewed club and member's activities in 1993, and had their Christmas party.

(Turn to Page B17)

JOHN DEERE MAXEMERGE 2 PLANTERS

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Whether you clean-till, mulch-till, or no-till, a MaxEmerge 2 Planter quickly adapts. And it's easy to customize for the way you farm.

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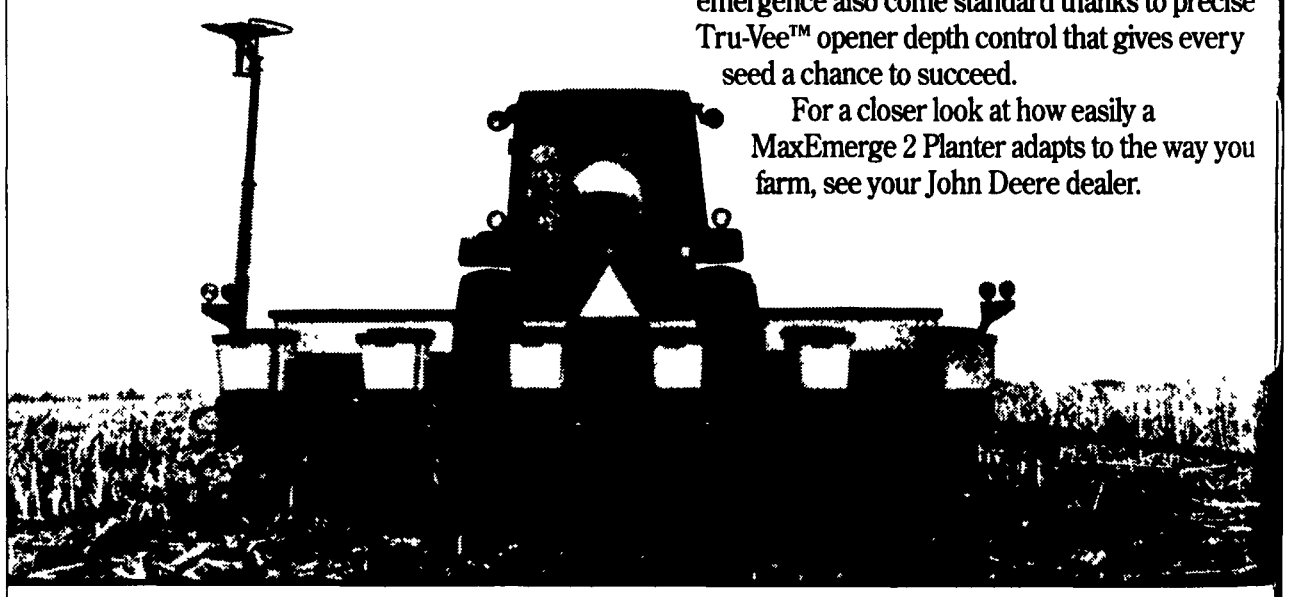

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Lebanon Honors Outstanding 4-H Equestrians

LEBANON (Lebanon Co.) — Lebanon County 4-H horse project members were honored for outstanding accomplishments during the year at the Lebanon County 4-H Horse Banquet held Tuesday, Nov. 30.

Receiving awards for their achievements in the county grooming and showmanship contests were David Bixler, Palmyra, 12 years and under; and Kirsten Bixler, Newmanstown, 13-15 year olds. Grooming and showmanship awards were sponsored by Brandt's Mill and Saddlery, Lebanon.

Members were also recognized as class winners at the county horse roundup Equitation trophies were sponsored by Sheehy Ford, Lincoln Mercury, Inc. Lebanon. Members who participated at the district level and state levels received gift certificates sponsored by H & H Tack Shop, Annville; Main Street Jewelry & Gifts, Myerstown; L'Gems Jewelry Shoppe, Lebanon; Smith Candies, Myerstown; Lantern Lodge, Myerstown; and Rissers Restaurant, Stouchsburg.

Outstanding project book awards were presented to the following: Tracie Pasker- Equestrians, Horses Are Fun; Amanda Patterson- Equestrians, Novice Horseman; Sarah Kreiser- Hoof & Horns, Tenderfoot Horseman; Heidi Urban- Equestrians, Junior Horsemanship; Jennifer Hain- Equestrians, Senior Horsemanship; Erin McClellan- Spur & Bit, Advanced Horsemanship; Alexis Clelan- Equestrians, Competitive Trail Riding; David Bixler- Hoof & Horns, Horse Production.

Nicole Flickinger, Jennifer Hain, and Rebecca Kleinfelter were honored in the horse category of the National 4-H Awards Program.

The following adult volunteers were recognized for their leadership of county 4-H horse clubs: Jeff and Colleen Krause, Tom and Dawn Flickinger, Florence Letteer, Steve and Denise Hain, Michelle Beck, Cindy Beck, Rebecca Bixler, John Tshudy, Eileen Yorty, Donna Cikovic, and Trisha Gettler.

The 4-H Horse program provides youth with the opportunity to acquire knowledge of horses and equine related subject matter. Ownership of a horse while desirable is not required to participate in 4-H horse program activities.

If you would like more information on how to become a 4-H member or an adult volunteer, please contact the Lebanon County Cooperative Extension Office by calling 270-4391.

The Penn State University is committed to the policy that all persons shall have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities.

The Pennsylvania State University does not discriminate against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, or veteran status. Direct all affirmative action inquiries to the Affirmative Action Office, The Pennsylvania State University, 201 Willard Building, University Park, PA 16802-2801.

Beef Industry To Air Commercials

CHICAGO, Ill. — On January 10, two new television commercials will be added to the beef industry's successful advertising campaign, "Beef. It's What's For Dinner." The new ads will reflect information gathered during focus groups conducted with the beef industry's target audience in late summer 1993.

According to the market research, conducted on behalf of the Beef Industry Council (BIC), consumers really enjoy the beef advertisements. The focus groups found that most consumers have seen the ads and like them because they give them new ideas for preparing beef for their next eating occasion. The focus group participants also noted that that the meals looked healthy and they noted that the overall theme, beef for dinner, was an enticement. The music, "Rodeo," from composer Aaron Copeland, was also a big hit with those who participated in the focus groups.

The two new 30-second television advertisements will focus on kids and dinner and special occasions for celebrating, says Monica Eorgoff, BIC director of advertising. "In both commercials we try to relay to consumers that beef is the logical choice for these situations." Ten recipes, selected from the new cookbook, *Skinny Beef*, and the National Beef Cook-Off®, are being used in the new commercials. These ads will join the five ads already airing on prime time, daytime and sports programming.

The advertising campaign is also getting a boost this winter as the beef industry showcases its advertising during the 1994 Winter Olympics being held in Lillehammer, Norway, February 12-27, 1994. The beef industry purchase includes 32 advertisements to be broadcast during the 120 hours of Olympic coverage.

Research indicates that the 1992 Winter Olympics achieved outstanding marketing results for its advertisers. The last Olympics broadcast drew more than 184 million viewers, about 77 percent of all Americans."

The latest evaluation of the advertising campaign's effectiveness, conducted by the Gallup Organization, Inc., shows that, in September 1993, 71 percent of consumers were aware of beef advertising. That compares to only 57 percent awareness in March 1992.

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When the weather's finally right for planting, be sure your Max-Emerge® or MaxEmerge®2 Planter is ready – with quality John Deere parts for like-new performance at an attractive price.

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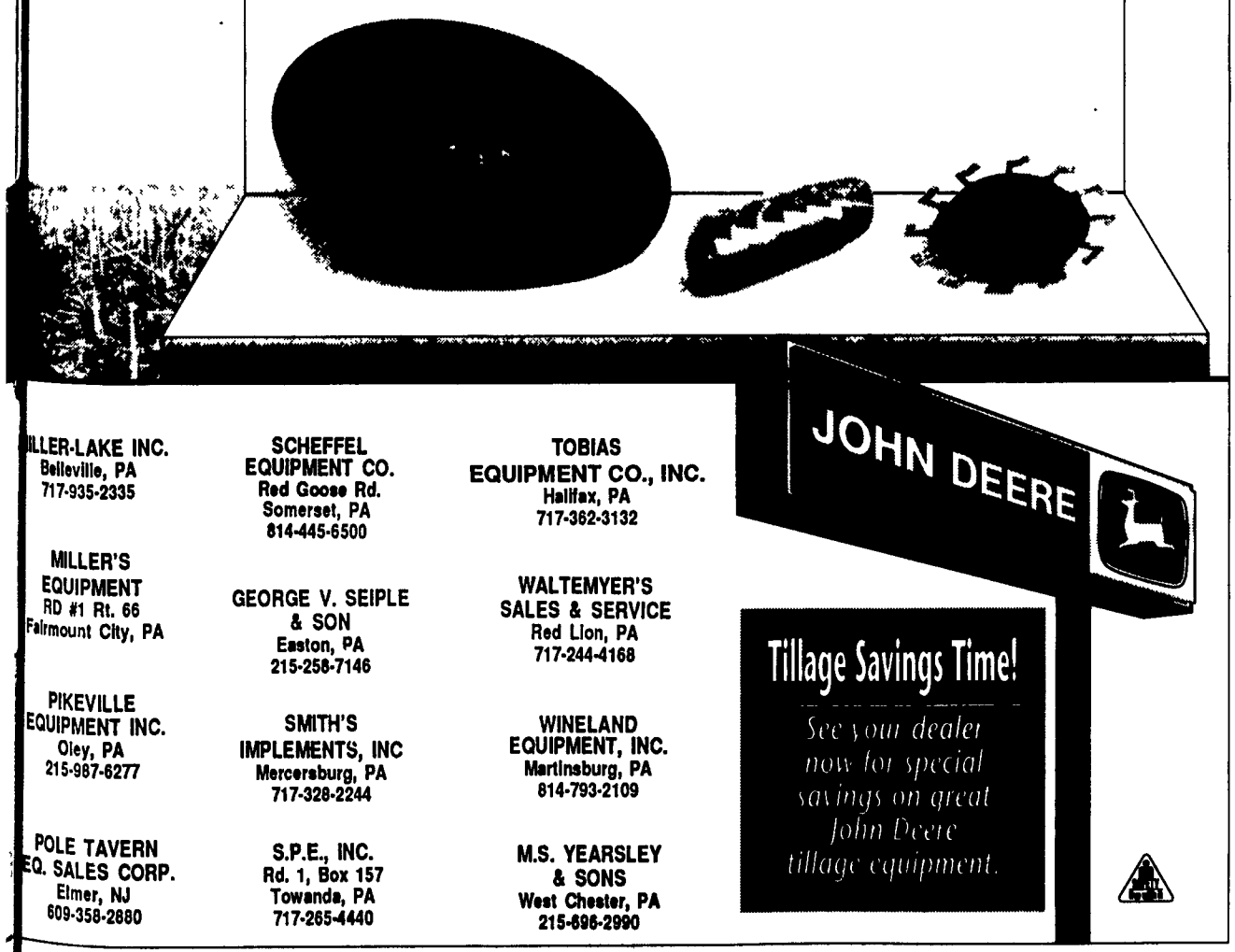
Get the exclusive seeding accuracy only John Deere provides. Rebuild your row units with this precision finger-pickup assembly, marked down to **$23.75** each until Feb. 28, 1994. Save over $2.50 each off the $26.26 regular price. (AA31261)

Watch your mailbox. Check the special-buy "Good Deals" on the back of the Spring '94 Parts Catalog – arriving soon from your participating John Deere dealer.

**John Deere dealers are independent retailers who determine their own prices, so actual selling prices may vary from the prices shown. Offer good through January 31, 1994*



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4-H Tractor Safety Club Gears Up For 1994

(Continued from Page B16)

The officers for 1994 are Bryan Hite, president; Cheryl Nixon, vice president; Leesee Fields, secretary; Cody Propst, treasurer; Helen Jolley, reporter; Terri Jean Nixon, refreshment coordinator; Diane Propst, game leader; and Cheryl Nixon, librarian.

The office of librarian is new for "94" and will take care of the club library. The Friends & Riders 4-H Club Library is started with the six books used for reference in the Pennsylvania state and national horse bowl contests. The books were bought with money the club members raised in fundraisers and are for the members' use. Anyone wishing to donate horse-related books (fiction or non-fiction) to Friends & Riders 4-H Club can contact Susi Jolley or the Bedford County Extension Office.

Friends & Riders 4-H members were very busy in 1993. Helen Jolley and Cody Propst went to Five-County 4-H Camp. Cheryl Nixon and Cody Propst gave presentations at Bedford County Presentation Day. Willow Abrams, Jessica Fetters, and Bryan Hite were members of the Bedford County Horse Bowl Team at Pennsylvania State Achievement Days.

Willow Abrams and her pony Kanwana Tempest were grooming champion 13-15 yr old and reserve high point English pony at Bedford Fair. Helen Jolley and her pony Doc were showmanship champion 12 year and under and high point English pony at fair. Helen and Doc also competed the Keystone 4-H Competitive Trail Ride.

Willow Abrams, Leesee Fields, and Helen Jolley qualified for the 1993 Pennsylvania State 4-H Horse Show. Willow & Tempi were ninth in hunter hack ponies, Leesee & Seeka Real Special were second in stock type horse 2-year-old fillies, and Helen & Pied Piper were first in stock type ponies 2-year geldings. Helen and Doc also competed in hunter seat equitation over fences junior and working hunter ponies.

The Friends & Riders 4-H Club had the first place display in the 4-H Promotion Category at the 1993 Pennsylvania Farm Show. They had the third place display at the 1993 Bedford County Fair and have a display entry at the 1994 Pennsylvania Farm Show. Friends & Riders 4-H Club won the horse bowl contest at fair.

Several members have made radio spots this year. The club made tray favors and Christmas cards for the residents of an area nursing home.

They planed and held a club Fun Show in June, and had a club ride night at Bedford County Fair. They went as a club with their families to the 4-H awards banquet and to a play at Olde Bedford Village.

Friends & Riders 4-H Club meets the second Tuesday of each month at 7 p.m. in the Cumberland Valley Recreation Park Building. Anyone interested in horses and is between the ages of 8 and 19 is welcome at the meetings.

Farm Workers Should Protect Hearing

UNIVERSITY PARK (Centre Co.) — Many farmers have something in common with many rock musicians: hearing damage. Farmers should take steps to protect their hearing before it's too late, says a safety expert in Penn State's College of Agricultural Sciences.

"Loud rock music averages about 115 decibels," says Dr. Dennis Murphy, professor of agricultural and biological engineering. "Farm noise ranges between 90 and 140 decibels, well above the 85-decibel limit at which industrial employers are mandated to provide hearing protection for workers."

Consistent, repeated exposure to such volumes can damage hearing before you notice any change, Murphy warns. "You may even think you're getting used to the noise, but it's more likely that you've already acquired a mild hearing loss."

Hearing loss has warning signs, however. "Ringing, buzzing or whirring in your ears may indicate temporary hearing loss," says Murphy. "If you listen to the radio or television at a volume uncomfortable to others, you may have some damage. Frequently asking people to speak up also may indicate hearing loss."

How can you tell if you need noise protection? "If you need to shout to be heard three feet away, the noise is too loud," Murphy says. "Reduce the noise level or wear hearing protection. Protecting your hearing today can save you a lot of misery tomorrow."

Even though surveys show farmers recognize the hazards of excessive noise, they rarely use hearing protection. "Some farmers believe that ear protection is inconvenient, unhandy or too time-consuming," Murphy says. "It may take some getting used to, but the benefits far outweigh any inconvenience."

Noise protection devices come in two basic forms — muffs that fit over the ears and plugs that fit inside. On average, these devices reduce noise volume by about 25 decibels. They are available from health and safety catalogs, drug and sporting goods stores or through licensed audiologists.

When choosing hearing protection, consider cost, comfort and effectiveness. "Muffs are comfortable for longer wearing times but are not effective when obstructed by glasses or hats," Murphy says. "Hearing plugs are less noticeable than muffs and are small enough to fit in a pocket."

Disposable ear plugs may cost less than $1. Muffs cost from $5 to $80. "Disposable plugs are convenient, but can become expensive if used regularly," he says. "Reusable plugs or muffs are a better choice for frequent wearers."

Activities such as shooting guns, listening to loud music or attending loud concerts and sporting events also can damage your hearing.

Producer Salmonella Meeting Set

HARRISBURG (Dauphin Co.) — An open meeting for Pennsylvania egg producers regarding Salmonella enteritidis (SE) has been scheduled for Friday, January 28, at the Lancaster Farm and Home Center.

The meeting is jointly sponsored by the Penn State Extension Service and the Pennsylvania Poultry Federation. The meeting begins at noon with a complimentary lunch provided by the Federation.

The afternoon program includes presentations on effective rodent control and a discussion of the Pennsylvania Egg Quality Assurance Program (PEQAP).

Rodents are considered the primary source of recontamination of poultry houses. PEQAP is the voluntary SE monitoring program available to Pennsylvanain egg producers.

Scientists will be joined by several egg producers in discussing these topics.

For more information, contact John D. Hoffman, Pennsylvania Poultry Federation, 500 N. Progress Ave., Harrisburg, PA 17109.

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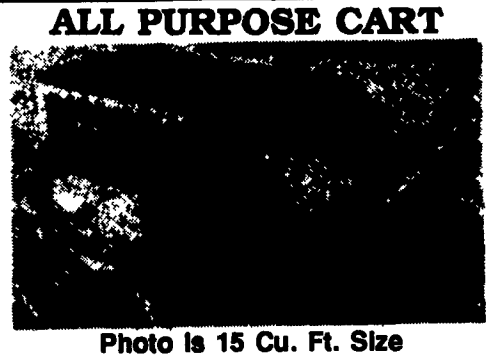

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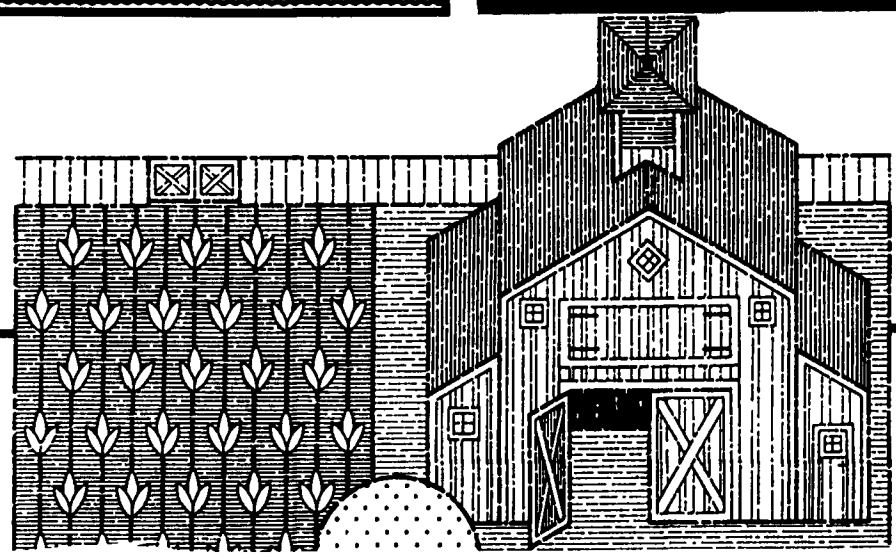

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1986 Colony Park S.W. 131,000 good shape well maintained $200 or B.O. peafowl pair beautiful have had chicks. Lanc. Co. 717-367-7032.

140,000 BTU hot water furnace w/thermostat in good cond., $500. Lanc. Co. Eli King, 316 Spring Garden Rd., Kinzers, Pa. 17535.

Very flashy yearling non standard bred stud colt $250. Lanc. Co. Christ S. King, 4925 Newport Rd., Kinzer, Pa. 17535.

14'6"x44' cold frame greenhouse w/crank out vent. Samuel Lapp, 401 Academy Rd., Oxford, Pa. 19363, 1 mi. west of Union.

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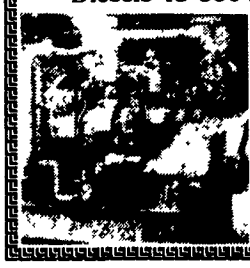

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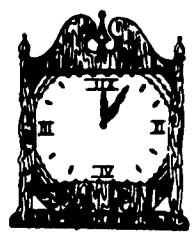

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2-55 1-60 lb. DeLaval milker units, dumping station, dryer, washer, $800. Titus Martin, 128 Tobacco Rd., New Holland, Pa. 17557.

Storm front carriage in good cond., alsb pony cart & harness. Lanc. Co. Elam King, 903 Valley Rd., Quarryville, Pa. 17566.

Charolais and Angus steers fresh off meadow 600 lbs.- M/L .85/lb. 23 head. Berks Co. Fri. & Sat. 717-933-4952 call eve.

AC 620 lawn tractor 20 HP 5' mower deck 5' snowplow 12" plow $2600. Balt. Co 410-357-4923.

12x20 storage shed, insulated & paneled $650, 10,000 gal. water tank, make offer. Lanc. Co 717-442-9815.

King wood coal stove thermostat blower fire brick shroud around outside $350, good cond. Lanc. Co. 717-397-1186 after 5 p.m.

Step-up trans. for 8N Ford, 70 HP Mitsubishi diesel, like new cond., champion air powered chain saw, brand new, never used. Lanc. Co. 717-442-9489 call between 8:30-9:00 a.m.

37'x6½' railroad tank. Franklin Co. 717-530-1213.

Oats straw. Perry Co. 717-834-4576.

Alfalfa mixed w/timothy all cuttings, local delivery by pick-up truck. Furnace Rd. Southern Lanc. Co. 717-786-8045 between 6-7 a.m. or p.m.

300'x72" Agryl P17 row cover $25, 100- 76"x3/16" wire hoops $20 gas stove $75. Lanc. Co. 215-445-9158.

JD 4020 diesel on steel wide front power shift, good cond., $7200. Lanc. Co. 215-445-4802.

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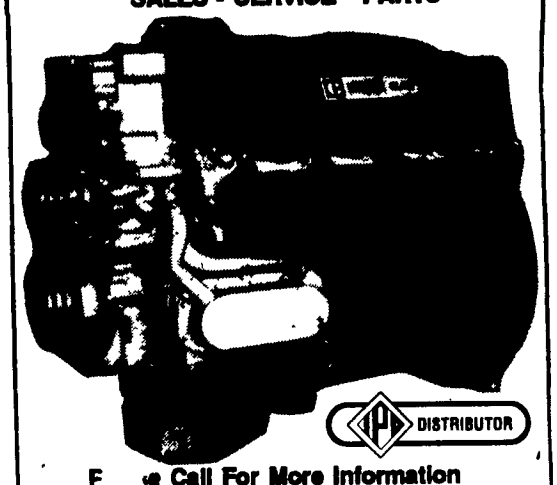

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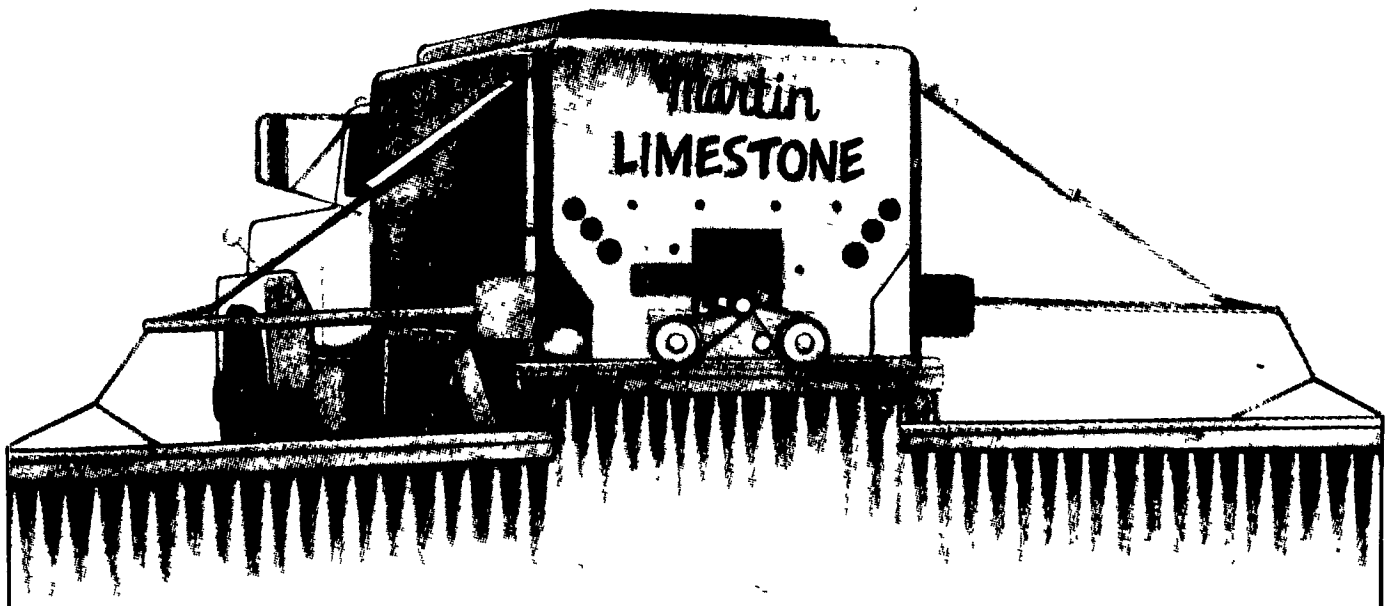

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Ford loader model 1710 640 hrs., 4x4 turf tires 16' 2 axle tractor new 5' Brush Hog good cond., $12,000. 609-597-7886.

Feeders, heifers, 14 AV .475 85¢. Tioga Co. Westfield, Pa. 814-367-5268. No shots can-do.

AC-B left & right btm. plows, w/wo coulters, hyds. mounting brackets, Ford 2000 diesel loader backhoe. North. Co. 215-258-0323 eves.

Red & White holstein heifer due Jan. 14 AI to Chalet Red, another heifer due in Feb. Lanc. Co. 717-687-6321.

Onan 20 KW diesel generator 3 pl. Ford hyd. pump C7NN3A674E, Ford starts D4NNH11000AR, IHC cyl. kit 670297C92. New Castle Co. 302-832-1980.

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1990 Cadillac Allante 2 dr. conv. sports car 2 seater mint cond., full 3 yr. factory warranty every option wholesale $23,999. York Co. 717-741-3974.

12 ton equip. trailer fair cond., $1800, 52 Ford F-5 dump trk., $500, 79 F-250 trans. case $300. Del. Co. 215-461-9985.

JD A 1946 serial #560277, runs well, excel. paint, several new parts, ready for collection. Lanc. Co. 717-442-4596.

1000 gal. milk tank w/2-3 horse plow compressors, a/ controls, auto washer, 1980 model, $4800 OBO. Lanc. Co. 717-665-4239.

Rissler TMR stationary mixer 105 cu. ft., used 2 yrs. Lanc. Co. 215-445-5734.

Wood windows good cond., alum. storm doors, large window glass for cutting, cheap. Lanc. Co. 717-768-8393.

No. 273 Ni cutditioner excel. cond. Lanc. Co. Amos B. Zook, 5701 Buena Vista Rd., Gap, Pa. 17527.

Alfalfa $100, 1 ton orchard grass cut young $100, 1 ton no rain tractor tire chains $25. Lanc. Co. 717-426-3871.

Snow plow blade & tire chains for a Sears Craftsman riding garden tractor 18 HP brand new. Lanc. Co. 717-484-0639.

Farmall-A runs 100% new tires $1400, Farmall B-N runs good cond., $650, 3 pt. sawbuck $150, pulley 9N or 8N $100. 717-527-2341 after 6 p.m.

(1) 16" DD fan, (1) 36" BD fan, 50 chart guards for cow name cards, (4) 12 lite stable windows 50"x55". Lanc. Co. 717-397-9921.

Feed cart suitable for in dairy barn 800 lbs. cap. excel. cond., $200 delivery avail. Sch. Co. 717-345-4109 eves.

2000' of 1" gal. cable, $150 OBO, #61 IH silage wagon on 10T gear, $400. Montg. Co. 215-754-7012.

Wooden house windows, good cond., storm windows & storm doors round & oblong pig feeders, will board heifers in barn. Lanc. Co. 215-286-5407.

Trailer like-new 6000 gross custom built high sidesbreaks $600. Allen organ full keyboard & ped., $350. Berks Co. 215-582-3066.

Tractor tire chains road type like new fit, JD 750 107" long 17" wide $75. Sussex N.J. 9-5. 201-875-1597.

GE 20.8 cu. ft. refrig.-freezer brown, excel. cond., clean, tire chains, 3 pt. hitch for JD garden tractor 15" snowtires. Lanc. Co. 717-665-5848.

Anderson double header ratio feeder for water conditioning non-electric, A-1 cond., 4 yr. old. Cumb. Co. 717-530-8506.

Western 7½ ' snowplow, hyd. lift & angle, brackets for Ford pickup $750. Leb. Co. 717-273-3361.

GE answering machine $25, 40 gal. elec. water heater & timer $125, no trespassing signs on ¾" plywood 75¢ ea. Sussex Co. N.J. 201-827-1627.

30,000 lb. 18'x10' Fairbanks scales drive on $500. 717-741-2596 or 741-3485.

New Ford BSD 444T 95 HP turbo engine 268 cu. in. includes radiator hood hyd. pump, $3000. Lanc. Co. 717-569-3359.

NuPulse milking system for double 4 parlor including weigh jars avail. April 94. Franklin Co. 717-328-5389.

1985 S-10 blazer, 4x4, V6, AC; 84,000 miles, new clutch & battery, vinyl interior, dependable, nice $3900 OBO. 717-652-8676.

'37 Chevy PU parts complete front & rear suspension, gas tank, gauges, make offer, need rear fenders. Chester Co. 215-347-0383.

PTO Bush Hog good for grass or corn stalks $400 or best offer delivery possible. 215-767-4735.

Raised ranch five acres w/ barn 3 bdrm. 1½ bath, 3 miles town or game lands $75,000. Tioga Co. 717-724-3474.

JD 830-D PTO hyd., $5950, 730-G, W/F $4500, 720-G, W/F, $4500, AR, $2750 w/power unit $3250, 730-D, W/F, $4500. 717-597-4296 7-10 p.m.

JD 530, JD 60 both nice, alamo hit & miss engine $400, slide in camper $150. N.J. days. 908-359-5206.

480 Case parts, loader-clutch- tran- axles, 15 HP, B-S engine, runs, needs tune up. Berks Co. 215-682-6186.

20,000 gal. fuel oil storage tank good cond. will load $300. Lacka. Co. 717-282-5080.

Syracuse hillside plow $90, Auchey corn planter $45, McDeering 13 disc drill $100, platform scale $50. York Co. 717-235-7338.

Snowplow & snowblower attachments for Bolens tube frame tractors, also many used parts. Bucks Co. 215-822-6026.

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1982 Chevy C30 diesel, utility body, new engine, auto, single rear tires, good cond., 8' body, $4,000. York Co. 717-235-5259.

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Nylon horse halters, different colors & sizes. Also cow bands. John K. Stoltzfus, 277 Maple Shade Rd., Christiana, PA 17509.

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Fresh frozen meat for dogs and cats, call 215-286-9400 or 800-234-2697.

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256 acres upstate NY 75A hay, 50A pasture, barn, also Frystown, Pa. 8 yr. old 2½ story home, 2100 sq. ft, 2 acre garage $137,900. Leb. Co. 717-933-5648.

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Two 1953 Dodge ½ ton pick-ups, corner glass, running cond. $1500 or make offer. Montg. Co. 215-933-2469.

Walnut boards, air dried, 8 yrs. $1.00 bd. ft. Allen M. Hoover, 1436 Weaverland Rd., East Earl, Penna. 17519. Lanc. Co.

1967 Int'l cabover 549 gas, semi with 18 ton Miller tilt top trailer, sch. new deck, and painty. 717-648-3856.

Continental M330 ind. 6 cylinder eng., complete, runs ex. $1200 OBO. Lehigh Co. 215-435-5786.

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Case 800 loader in running condition, $2500, Oliver 62-T baler w/motor works ok, $750 Ben L. Stoltzfus, 5395 James Rd, Mechanicsville, MD 20659.

Rumely oilpull 25-40X new fenders, roof, water tank, paint, no oil leaks, show tractor $9,600. Adams Co. 717-334-1082 M.D. Crouse.

AKC cocker spaniel pup, black male 4 month $25 Lanc Co 215-445-6067.

2 AC D-17, 3-AC, C, Zimmerman 28' elevator, Ford 36 teeth harrow, AC 4 row corn planter liquid, AC Hay bind, 717-733-8708

NH 790 chopper 2R corn and pickup, 300 bu. gravity bin on 10 ton gear. 717-665-4743.

460 haybine for parts, 16 ft. truck bed with horst 70 MH combine for parts or fix up. Adams Co. 717-677-7265.

John Deere B 1951 roll-a-matic partially restored $675. Berks Co. 215-582-3704.

Wrapped round bales alfalfa, had rain, make offer, cheap heifer hay. Schuylkill Co. 717-345-3307.

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Three bred holstein heifers, due June and July. David Kreider, Leb. Co. 717-272-8501.

Purebred hereford yearling bull, ex conformation, very muscular. Dauphin Co. 717-365-3898.

Athens #84 disk 14' $1800. ear corn in narrow crib. Juniata Co. 717-589-7481.

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Jeff Stoltzfus - will speak on new record-keeping regulations for pesticides
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Unrelated purebred Romanov ewe and ram 2 yrs. old, Orange Co. NY $400. 914-778-7742.

18992 Kawasaki KX250 dirt bike, low hours, never raced, well maintained by senior rider, extras $2200 OBO. 717-652-8676.

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Two Holstein feeder steers 400-500 lb. $300 each cash. Chester Co. 215-593-6484 after 6 p.m.

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Snowblower with hydraulics for JD 400 LG $450 OBO. 3 pt. blade Cat O $160 Hunterdon Co. NJ 609-466-2375.

Calf hutches, calf shelters with door and feeding alley in back, plywood feed bins, anchor bolts. Lanc. Co. 717-442-8972.

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1953 International L160 truck almost new condition 1,200 OBO. Northumberland Co. No Sunday calls 717-758-1771.

Seven emden geese, spring hatched. Also 12' Moritz super goose livestock trailer, bumper hitch. Ex cond. Berks Co. 215-582-3709

Onan 15 KW 3 ph. gen plant w/controls, 33 HP $1800 OBO 717-626-0547.

NH rolarake 8' ground drive $100 IH #46 baler parts or repair $100. NH #33 flail chopper/blower $200 201-839-9053.

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One 150 series GMC truck, good rubber and engine has been stored in bldg. Clfd. Co. 717-236-1399.

Snowco utility trailer, 54"x12', tilt, lites, winch, title $500. Craftsman 8" table saw; $200. 410-398-7630.

JD B w/cultivators, pig crates, Welsh 210 gallon sprayer 3 pt., Pittsburg 3 pt. 2 row cultivator, hay. 215-249-3900.

Courting buggy, refinished in red, new upholstery 1,600.00. Mt. Green Coach Shop, 15632 Mt. Green Rd., Spring Run, Pa. 17262.

Jersey Cow fresh, tame $525 or best offer. Lanc. Co. 717-354-7974.

New Holland flail chopper #36 6' cut good cond. Chester Co. 215-869-2970.

New Idea hydraulic loader with manure and dirt buckets, brackets to fit Ford 800, good cond. Schuylkill Co. 717-425-3698 or 425-3483.

Fairbanks/Morris platform scale, recalibrated, ex. shape $225. ($680 new). Belsaw sharpener will take $450, used 5 times. Lanc. Co. 717-687-6553.

45 Cubic ft Rissler mixer, portable, can see in operation. Lanc. Co. 717-354-5360.

1939 EH Mack truck, 15' dump bed, 30,000 orig. miles $6,000. Cambria Co. 814-487-5139.

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Reg. red and white holstein bull, 16 months old. Leb. Co. 717-865-4645.

Rhode Island red roosters, 20 wks. old, 2-horse carriage tongue, Melvin King, 612 Noble Rd., Christiana, Pa. Lanc. Co. east/9 points.

Purebred Eskimo Spitz pups, parents on premises, Henry Blank, 228 Maple Shade Rd., Christiana, Pa. 17509. Lanc. Co Bushel Boxes

Mobile home 12x70, needs some work $800. 410-343-0867. English saddle, 16 inch with fittings, good cond. Balto. Co. 410-592-5564.

Registered Holstein heifers due 1-25, 2-15, 3-1 sired by Leadman, Cleitus, Polo. Lanc. Co. 717-653-6729 or 717-665-3896.

Windshield & side curtains for JD 500C $250. Steel tank 6'x24' $200. Vermont castings Defiant wood stove $300, 10 HP electric motor $100. Bucks Co. 215-343-6365.

4 floodlights 18" dia. GE w/ incadescent 1500 watt bulbs, great for tennis court $25 each. ¼ cost 215-968-2649 Bucks Co.

Round bale cattle feeder, 8' diameter, all steel const. $500. York Co. after 7 p.m. 717-993-3350.

Western saddle, new. New chest freezer, corn picker, 6x10 utility trailer, 1993 Dodge truck, ¾ ton, 360 eng. Leb. Co. 717-865-5424.

New Idea 323 corn picker, good cond. $1600 OBO. Motor mount, chute attachment, Daniel Glick, Centre Co., Howard, Pa. 16841.

Gehl 125MX Grinder, ex. cond., must sell, Clinton Co. 717-769-7324.

Black & Decker radial arm saw 8 in. works $65. York Co. 717-235-2032.

Canvas cab for JD $125. Two quartz tube hanging heaters, one never used $50. Kero-sun 12,500 BTU header, Clinton Co. 717-753-3049.

Monarch cook stove, ex. cond. Lanc. Co. 717-665-5413.

JD 494 corn planter, NH #33 field chopper, McCormick 16 disc grain drill, key making machine & blanks $350 ea. Montg. Co. 610-631-1890.

125'Wx55'H, 5 pane, wooden bow window, 12'Hx16'W torsion spring, fiberglass door. Berks Co. 215-562-7667.

Railroad ties, large quantity 6"x8"x8½' or 7"x9"x8½'. Call for prices Lanc. Co. 717-336-5099.

Four year old driving horse, woman safe, $950. Nine year old standardbred horse. Snyder Co. 717-374-5076 leave message.

Hay drying fans for hay or ventilation, other barn fans. Electric parlor grain meters, good shape. Offers. 607-838-3318.

10 HP Quincy air compressor with 14 HP Kawasaki engine on 80 gal. tank. Lanc. Co. Isaac Fisher, 63 Queen Rd., Gordonville, Pa. 17529.

IH 56 2 row corn planter, shedded, good cond. $450 OBO. Spring wagon $450. Wanted-Steel wheels JD-B Franklin Co. 717-532-9234.

IHC TD18-18 Bulldozer with 12' angle blade, needs main clutch, motor and UC good $1000. Wayne Co. 717-698-5238.

Belgian mare coming three years old, red sorrel light mane, tail blaze face. David Nichols, Charles Town, WV 304-725-2870.

Tandy 1000 Personal computer complete with keyboard VCR monitor and printer $400. Leb. Co. 717-865-3046.

Int. Model 540 4x16 semi mounted plows $550. Ford F700 dump truck, 1970 good cond. $2900. Perry Co. 717-834-3882.

Ford 8N tractor loader, rebuilt gas engine, rear counter weight $2995. Berger transit 200, ground pole $450. Berks Co. 215-326-4969.

1989 Chevy Suburban 4x4 2500 V8, auto, air 70,000 miles, very good cond. $11,000. Cambria Co. 814-472-7038.

SBT Bengal females millwood lines, ex. breeders $500 each. Cecil Co. Md. 410-658-4213.

Stainless double vats 6'x2'x14" adjustable removable legs, brass drain valves, Lanc. Co. 717-442-1282.

Mott super heavy duty flail mower, Model #74 83" wide fine cut less 50 hours use. $3150. after 5:00. 717-396-9334.

Purebred holstein bulls 10-20 mos. from dams w/ records to 28,000m 1100f, wormed & priced to sell, possible delivery. Franklin Co. 717-597-3770 or 328-5487 or 328-3530.

FMC orhcard speed sprayer, 300 gal. tank, 4 cylinder engine, very good cond. $2000. Franklin Co. 717-369-2819 leave message.

Purebred border collie puppies, good farm dogs $50. Also John Deere 2520 roll-a-matic in good cond. $250. Berks Co. 215-944-0132.

20" drum sander, 6" Grizzly jointer both hydraulic motor, 14" Ryobi mitersaw 6 AM air motor, Daniel King, 146 Hess Rd., Quarryville, Pa. 17566.

Massey Harris pony wheel weights, front and rear, $45 pair. Berks Co. 215-488-7302.

90 lb. anvil $100. 12 ft. rug mast $185. floor scrubber, battery chargers, 24 volt 26V $85 each. Bucks Co. 215-322-7612.

NI manure spreader box, no chains, can use for hauling, good wheels and tires, size 750x24, $60. York Co. 717-229-2192.

Spring harrow parts, 84 Oliver cast iron moldboards. York Co. 717-637-7721.

1980 John Deere 440 liquid fire snowmobile, good cond. 717-898-2031.

2 used I-beams 14"x21'x¼" 14"x22'x¼" 175.00 each. 3 saddles for tanks 6" wide, 20" deep, 6 ft. long $40 ea. OBO. No Sunday calls. York Co. 717-225-4355.

MAILBOX MARKET WANTED

Manuals for D-6 Cat 44A series operator, parts, service. Jim Worden Rodman, N.Y. Jeff. Co. 315-232-4326.

Good body for "88" Toyota Celica or sell complete drive train 60,000 miles very good cond. Bucks Co. 215-968-5604.

NH model 70 or 72 hyd. drive bale thrower. For Sale 2510 JD gas engine, excel. cond. Union Co. 717-966-1724.

Bevel gear for Case convey-o-matic mixer, "main auger" model No T510GM. Lanc. Co. 717-354-6310.

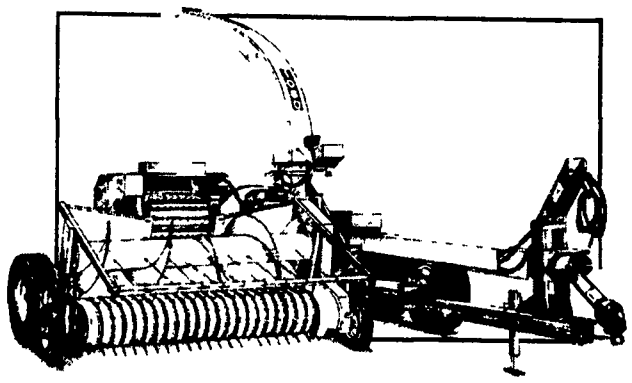
1957-58 Chrysler, 3920, engine, 1952-54 Henery J parts car, 1934-40 Willy's coupe body, 1934 Dodge truck gauges. Berks Co 215-670-9544

Select-O-Matic trans for Ford 6000 tractor, motor for Oliver 1800 gas tractor complete or parts. Berks Co. 717-933-5234 after 4 p.m.

1086 or 1486 IH tractors w/ cab reasonable price only also 60-70 HP 4/w drive tractor. Salem Co N J 609-769-4159.

GEHL®

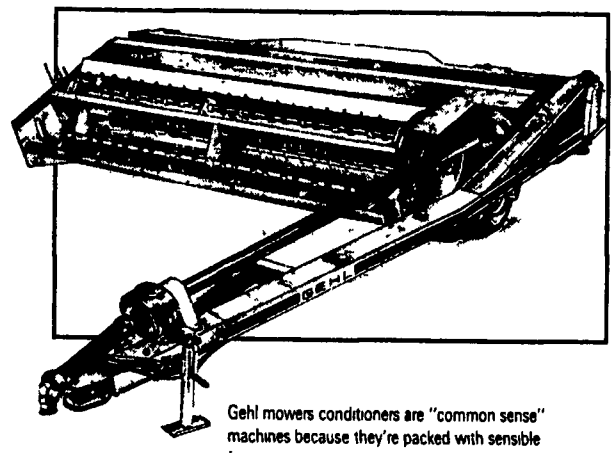
CHOP IT DOWN



Gehl forage harvesters get the job done faster with these performance features:

- **Exclusive Auto-Max Load-Sensing System** – Increase capacity by up to 20%. Lets you operate at top capacity without the fear of downtime due to overloading.
- **Metal-Stop Metal Detector** – Prevents machine damage and hardware disease.
- **In-head Hydraulic Knife Sharpener** – Lets you sharpen knives in the field.
- **Patented One-Sided Cutterbar Adjustment** – Makes adjusting the cutterbar quick and easy.
- **Three Models To Choose From** – Including the largest capacity pull-type forage harvester on the market.

COMMON SENSE MOWER CONDITIONERS



Gehl mowers conditioners are "common sense" machines because they're packed with sensible features

- **Full-width intermeshing conditioning rolls** with intermittent ribs deliver thorough, uniform conditioning
- **Simple sickle drive** with pivot arm design provides more cutting force.
- **Fewer moving parts** than competitive models for worry-free performance
- **Three-point flotation support** protects the cutterbar from rocks and uneven terrain.
- **Two models** with 7-foot and 9-foot cutting widths available.

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GEHL FINANCE® A DIVISION OF GEHL®

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UMBERGER'S OF FONTANA
RR 04 (Fontana)
Lebanon, PA

A.L. HERR & BRO.
312 Park Ave.
Quarryville, PA

ECKROTH BROS. FARM EQUIPMENT
RR 02, Box 24A
New Ringgold, PA

MILLER EQUIPMENT CO.
RR 01 Stauffer Rd.
Bechtelsville, PA

BINKLEY & HURST BROS.
133 Rothsville Station Rd.
Lititz, PA

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St.
Richland, PA

LEHIGH AG EQ. INC.
6670 Ruppsville Rd.
Allentown, PA 18106

GUTSHALL'S, INC.
RD 2 Rte 850W
Loysville, PA
and
1201 Spring Rd.
Carlisle, PA

HINES EQUIPMENT
PO Box 5, Rt. 22
Cresson, PA
RR 03, Box 550, Altoona
(Bellwood)

D.W. OGG EQUIPMENT CO.
Main Location
5149 Cap Stine Rd.
Frederick, MD
961 Leister's Church Rd.
Westminster, MD

MILLER-LAKE
RR 02, Box 273A
Belleville, PA

ICKES FARM SUPPLY
Rt. 1 Hwy 869 West
Osterburg, PA

TOM DUNLAP
Rt. 220 - Main St.
Jersey Shore, PA

STOUFFER BROS. INC.
1066 Lincoln Way West
Chambersburg, PA

MAILBOX MARKET WANTED

American gasoline engines since 1872, book by C.H. Wendel. Pioneer chain saw, model 1074. North'd. Co. 717-742-4650.

A male or female scottish terrior puppy. Perry Co. 717-789-3819.

Orchard ladders pointed end 14-20' need to be in good cond. Snyder Co. 717-837-3735.

Ping pong table in good cond., leave message. 717-656-6486.

JD 343 corn head must be in very good cond. no Sunday. Adams Co 717-334-8890.

Used No. 400 warm morning coal stove give price & cond. in letter to Elias J Beiler, 2584 Siegrist Rd, Ronks, Pa. 17572. Lanc. Co

Single seat or seat one half Mennonite carriage. Cumber. Co. 717-776-6220 call 6 a.m. or 6 p.m.

1988- 89- 90 Chevrolet or GMC ¾ ton pick up truck 2 wheel drive, automatic on standard shift. Franklin Co. 717-328-3832

Large church bell w/ access. Luz. Co. 717-823-7118.

Good hammermill off of grinder mixer any model state cond. & price. Lanc. Co. 717-656-8961.

NH 676, 677 spreader in working cond. Augusta Co. Va. nights. 703-337-3539

PTO belt pulley for MF model MF 65 609-653-9005

Steers beef type 300-500 will buy one or all. Fred Co Md 301-898-3966

Elect train set, Lionel or K-Line, steam engine type York Co 717-938-6692.

Buildings to remove, 3x4x16' for sale. Henry F. Stoltzfus, 24 Queen, Gordonville, Pa. 17529.

Manual & iron wheels 20" for old Hardie wooden orchard sprayer about 1940. Warren, N.J. 1-800-564-6879.

Diesel motor for 1365 Oliver tractor. Pendleton Co. Adalbert Hoover, HC 74, Box 25, Brandywine, WV 26802. 304-249-5608.

Cash paid for old pictorial cigar labels all sizes wanted. York Co. Write Cigar Labels, RD #1, Box 593, Wrightsville, Pa. 17368.

Used cement blocks & plywood, lumber, can tear down write: A.Z. Hoover, 499 W. Maple Grove Rd., Denver, Pa. 17517, in Fivepointville.

Case Int. 881 forage chopper also Case Int. 600 blower. Adams Co. 717-334-1824.

Amish to put on small barn roof I will supply material trans. to/from home. Manheim, Lanc. Co. 717-653-4749.

Shutters for JD Cyclone A 1948 to 1952. North'd. Co. 717-546-5764 anytime.

Alum. spool gun for a Linde 225 mig welder, willing to pay fair price, also cast iron imp. seats. Lanc. Co. 717-687-0102.

Gear box for calhoun forage wagon. Yates Co. N.Y. 315-536-3844.

Used elect. meat grinder. Northampton Co. 215-837-7142.

Small egg grader, a few cases an hour, in working cond. Schuyl. Co. 717-739-4469.

MH 14 or 16 HP tractor & mower, any cond. Lycoming Co. call after 8 p.m. 717-546-5624.

Corn planter & 3 pt. hitch for cub tractor. Chemung Co. 607-529-3480.

Floor waxing machine commercial type, 609-259-1102 leave message.

Agricat model F Track assy's links and shoes used 2x4, 2x8 lumber. Cumberland Co. 717-732-3190.

Allis Chalmers CA, WC, WD or WD45 tractor for work, Franklin Co. 717-349-2033.

Seven foot pickup head for Field Queen chopper. Howard Crim, Clarke Co. Virginia. 703-955-2354 after 6 p.m.

Standard twin tractor parts between engine and transmission, Jackson, 73 Lillie St., Princeton Jct, NJ 08550 609-799-7008.

JD 750 850 or 950 with loader, good shape for 5,000 Call evenings Jr. Sr 215-489-2812.

Attic Flooring and Log Houses 717-626-4520

Old Maryland milk bottles by serious collector Cash paid or will trade Call collect after 6 p m 301-721-0473 Crownsville, Maryland

Will trade duplicate Winross literature for same, also willing to purchase. Want to buy Jevic, Tootise Roll trucks, Mike 717-737-4386 Cumb Co.

Propane refrigerators & freezers in good cond., also want 1961 Lincoln Continentals in any cond. Ocean Co NJ 201-929-4358.

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc, 1960's & older, cash paid. York Co 717-292-5573.

One 2, 3, 4 & 5 burner new perfection & Ivanhoe kerosene cookstoves Gideon Stoltzfus, Blain, Pa 17006-9714 Perry Co

MAILBOX MARKET NOTICE

We adopt and/or buy exotic animals· Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc Berks, 215-374-2114.

1970 Dodge pickup, 318 V8, auto. trans., runs perfect, some rust, 61,800 miles, great farm truck $450 Leb Co. 717-933-5648

Will knock down unwanted stave silos $200 within 100 mi. Levi Zook, 3452 Harvest Dr., Gordonville, Pa 17529. Lanc. Co.

Free kittens to good home will make great xmas present. Lanc. Co. 717-336-4868 if no answer leave message.

Free treated shavings lumber was kiln dried. Chester Co. 215-857-5977.

Let us know by Jan. 10, 1994 what you want listed in our auction on Feb. 24-25, 1994. Elias S. Beiler, 601 Musser School Rd., Leola, Pa. 17540. 717-656-9733.

Free- St. Bernard male playful, nice dog. Lanc. Co. 717-529-6649.

Shartlesville Antiques Shop avail. March $200 in "Painted Ladies" village with other shops & restaurant, great tourist area. 215-488-7792. Berks Co.

Antique tractor repair & restoration specializing in Minneapolis Moline & MH. Salem Co. N.J. Call Steve Coles, 609-358-2447.

Tioga County farm for rent, Farmington Twp., dairy barn, 175 acres, hay fields, very reasonable, call Lanc. Co. 717-665-7470.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

JANUARY

SAT. JAN. 1 - 8AM Antique and Collectible sale, located at Harry's Auction, 11 Graybill Rd., Leola, PA. 8 miles east of Lancaster, just off Rt. 23 in the village of Bareville, PA turnpike to exit 22, follow Rt. 23 west 12 miles to Bareville) Milk bottles, toys & games, glassware, furniture. Richard Harry, Randy Stoltzfus, Dale Putt, aucts.

SAT. JAN. 1 - 8:30AM, 7 Tractors, Case #450 Crawler, Farm Equipment, 300 Gal. Esco Milk Tank, 1947 Ford Car (4 Dr./8 Cyl.), 1985 Dodge 4x4 Pick-Up, 1985 Int. Flatbed Truck, Antiques, Collectibles, & Tools. Located Between Reading & Hamburg, Turn Off Rt 61 At The Shoemakersville Traffic Light Onto Rt. 662 For ½ Mi. Turn Left Onto Dreibelbis Mill Rd. For 1½ Mi. & Right Onto Onyx Cave Rd. For ½ Mi To First Farm On Right, Perry Twp., Berks Co., Pa. Sale For, Florence Leiby & The Late Paul H. Leiby. Kenneth P. Leiby, Auct.

SAT. JAN. 1 - 9AM Farm Machinery, Lawn & Garden, Bolts, Etc. Held at 190 Maple Grove Rd., Hanover, Pa., Adams Co. From Hanover take Rt. 194 NE. approx. 4 miles to Maple Grove Rd., turn rt. and go ½ mile to sale, or 1½ miles SW of Abbottstown, on Rt. 194, to Maple Grove Rd., turn left and go ½ mile to sale. Rick & Deb Kress, Owners. Nevin E. Tasto, auct.

SAT. JAN. 1 - 9AM, Tractors & Farm Equipment. Located 7 Miles South Of Martinsburg, WV Or 14 Miles North Of Winchester, Va. Off Interstate 81, Take Exit #5 (Inwood) Route 51 East Approx. 3½ Miles East Of Inwood, WV Turn Right At Shutt's Cash Grocery - .2 Mile To Sale. Edgar A. Bohrer Sr., Sale Manager & Edgar A. Bohrer, Jr., Auct.

SAT. JAN. 1 - 9AM, Farm Equipment, Household Goods. Location: From Ephrata Take Rt. 322 West Turn Right On Durlach Rd. To 301 Durlach Rd. Auction By, Clarence Hoover And Mrs. Paul E. Martin. Aaron E. Martin, Auct.

SAT. JAN. 1 - 9AM Antiques & Colelctible Sale. At Harry's Auction, 11 Graybill Rd., Leola, Pa.

SAT. JAN. 1 - 9AM, Fine Antiques, Household Goods, Collectibles, Primitives & Antique Tools. Located At The Horst Auction Center At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2½ Miles West Of Ephrata), Ephrata, Lanc. Co., Pa. Horst Aucts.

SAT. JAN. 1 - 9:30AM Farm Equipment, Lawn & Garden Equip. 307 Mountain Rd., Lawisberry, Pa. ¼ Mile north of Ski Roundtop. From York (Rt. 74 or Rt. 83) follow ski area signs, go past main entrance, travel north ¼ mile on Mt. Airy Rd. to Mountain Rd., 1st road on right, turn right, go ¼ mile to 1st place on right. Dean R & Penny E Baker, seller. Rentzel's Auction Service.

SAT. JAN. 1 - 9:30AM, Farm Equip. & Lawn & Garden. Located 307 Mountain Rd., Lewisberry, Pa. Rentzel's Auction Service 764-6412.

SAT. JAN. 1 - 9:30AM Fine Antiques, Located at the Mount Joy Fire Co. on New Haven Street, just off Route 230 in Mount Joy, Pa. H. Edward Johnson, auct.

SAT. JAN. 1 - 10AM New Year's Day Auction. Antiques, furniture, toys and early primitives. At the Rt. 22 Marketplace, app. 8 miles East of Harrisburg (Ollies East) exit 26E off I-81. John and Tom Golden, aucts.

SAT. JAN. 1 - 2PM 11th annual New Years Day Auction, Bayview Heights Auction, Bayview, Md. Located on MD 274, 1 mile off exit 100 I-95, 40 miles s. of Phila., Pa, 45 miles N. of Baltimore, MD, 40 miles S. of Lancaster, Pa. Rt. 272. David C. Racine & Assoc, aucts.

SAT. JAN. 1 - 4:30 PM Toy trucks, banks, hess. Held at Eden Resort Inn, Routes 30 and 272 jct., Lanc., Pa. Randy Stoltzfus and Rich Harry, aucts.

MON. JAN. 3 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

TUES. JAN. 4 - 10AM Modern farm equip. & trucks. Located along Rt. 100 between Bally & Boyertown at Bartoo, Berks Co., Pa. Selling for Gehringer Farms. Ralph W. Zettlemoyer Auction Co., Inc., aucts.

WED. JAN. 5 - 9:30AM, Farm Equipment, Tractors & Combines & Other Misc. Equipment. Located 2 Mi. N Of St. Anne, IL. On Rt. 1, Then 1/4 Mi. W. Jim Witvoet Sr. & Jim Witvoet Jr., Aucts.

WED. JAN. 5 - 11AM, (Blizzard Date Mon. Jan. 10). Complete Farm Dispersal Selling Cattle, Barn Equip., Produce & Machinery. Located South Dansville, New York. Owned By The Merle Wyant Family. Pirrung Aucts. Inc., Wayland, New York. 716-728-2520.

WED. JAN. 5 - 12:30PM, Wood's Dairy Sale. Selling 74 Reg. & High Grade Holsteins. Located At The Gordon Wood Sale Barn, Just Off Route 287, 1 Mile North Of Tioga, Pa., 6 Miles From Lawrenceville, 11 Miles From Mansfield. Sale Managed By, Wood's Auction Service.

SAT. MAR. 5 - 1:30PM, Selling A Centre Co. Herd, 28 Holstein Dairy Cows. Located Belleville Livestock Market. For More Information Call, Gene Glick, 717-667-2703 Or 717-935-2146.

WED. JAN. 5 - 2 PM Antiques, household goods, guns, pocket knives & tools. Held at the Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. approx. 2½ miles W of Ephrata), Ephrata, Lanc Co., Pa. Horst Aucts.

WED. JAN. 5 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. JAN. 6 - 1PM, Antiques. Located 1.1 Mile North Of Manchester, Rt. 181, Turn Right At Gray Rock, Watch For Signs. Estate Of Ada Deitz & Estate Of Vella Deardorff. Rentzel's Auction Service.

THURS. JAN. 6 - 11:30AM, 38 Head Grade Holstein Dairy Herd. Located From Carlisle Travel Rt. 74 N. To 944 Turn West Go Approx. 3 Mi. To Bobcat Rd. Turn Right & Continue To Sale. From Newville Go East On 641 To Grahms Woods Rd. Turn N. Go Approx. 5 Mi. After Crossing 944 1½ Mi. To Bobcat Rd. Turn Right To Sale Site. Owner, Robert Lichtenberger, Sr. Kevim M. Wickard, Auct.

FRI. JAN. 7 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

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MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. JAN. 7 - 9AM, Valuable Antique Furniture, Oriental Rugs, Antique Glassware & Collectibles, Etc. Located At Springetts Fire Co. Social Hall, 3013 East Market St., York, Pa. York Bank & Trust Co. Jacob A. Gilbert & Brian L. Gilbert, Aucts.

FRI. JAN. 7 - 10AM Int. truck, tractors, farm equip, hay. Travel S. on Rt. 662 to Yellow House, proceed 1 mile right onto Weavertown Lane ½ mile right onto Weavertown Rd. 1 block left on Amity Park Rd. ½ mile to farm on Right or North on Rt. 662 to Amityville left onto Weavertown Rd. proceed 1 mile left onto Amity Park Rd. to farm on right, Berks Co., Pa. Ordered by Russell & Patricia Haas. Ralph W. Zettlemoyer Auction Co., Inc.

FRI. JAN. 7 - 11AM Farm equipment, 2 miles North of Spencerville, Ohio or 9 miles S. of Delphos, Ohio on St. Rt. 66 at the intersection of St. Rt. 81 and 66. Siefker Real Estate & Auction.

FRI. JAN. 7 - 1PM, Green Dragon Livestock Sale. Located Green Dragon Market, Ephrata. Walter Risser, Prop.

FRI. JAN. 7 - 6PM, Public Auction. Located At Miller Auction Center, Bethel, Pa. Berks Co. Estate Of Sally Yost & Others. Dwight D. Miller, Auct

SAT. JAN. 8, 10, 11, 12, 13 & 14 - Outstanding 6 Day Auction Of Real Estate. Located In York, Lancaster, Berks, Dauphin & Centre County, Pa. Kenneth E. Hassinger & Neil A. Courtney, Aucts.

SAT. JAN. 8 - 8:30AM, Household Goods, Some Antiques, Tools & Guns, Jars & Bottles. Located At The Chanceford Community Center, Approx. 8 Miles Southeast Of Red Lion Off Rt. 74, Turning At The Brogue Post Office. Owners, Mrs. Helen I. Miller & The Late John A. Miller. Bob & Tom Sechrist, Aucts.

SAT. JAN. 8 - 9AM, 2½ Story Brick Dwelling, Real Estate, Antiques, Household Goods. Located At 31-33 East Church St., Reamstown, Lanc. Co., Pa. Terms By, Jean V. Kulp Estate. Horst Aucts.

SAT. JAN. 8 - 9AM, Very Nice Tractor, Exceptional Machinist Gauges & Equipment, Cars, Very Nice Office Buildings. Located At Rear Of 48 & 50 South Street, Gettysburg, PA. (From Square, Take US Route 15 South (Baltimore Street) - Go To South Street - (Opposite High School). Owners, The Estate Of The Late Wilbur L. Plank & Frances T. Plank. C. David Redding, Auct.

SAT. JAN. 8 - 9AM Dairy Farm, Farm Equipment, Crops, Horses. Located 12 miles southwest of the Norman Wood Bridge. One mile north of Fawn Grove. Going west turn right off route 851 at Fawn Grove Square, proceed one mile turn left onto Walnut Grove Road to Sale. One mile south of Gatchellville, along Brown Road. Fawn Twp. York Co., Pa. Owner John E. Stoltzfocs. Diffenbachs, aucts.

SAT. JAN. 8 - 9AM Antiques, household goods & tools. Held in former Reinholds Elementary School Banquet Hall, Rt. 897, Village of Reinholds, W. Cocalico Twp. Art Pennebecker, auct.

SAT. JAN. 8 - 9AM Antiques, Household Goods, Tools. Loc: Willow Street, Pa. Al Starr Bldg. Behind the Fire House, along Rt. 272 North. Terms by Agatha J. Christie. Kreider, Kline & Good Aucts.

SAT. JAN. 8 - 9AM, Antiques, Household Goods, Lots Of Ceramic & Greenware Articles, J. Deere Riding Mower, Power & Hand Tools. Located 1609 Long Lane, Manor Twp., Lanc. Co., Pa. (Dir.: West Of New Danville, Near Rock Hill Tavern). Sale By, Mr. & Mrs. Charles E. Mateer. Howard Shaub, Auct.

SAT. JAN. 8 - 10AM Consignment Sale Located at Highstown Produce Auction, Rt. 33, 2 miles east of turnpike exchange #8. Alfred's Auction Inc.

SAT. JAN. 8 - 10AM, New Jersey Consignment Auction. Located Tri-County Auction Market, Rt. 33 (Mercer St.), 2 Miles West Of NJTP Exit 8. Alfred's Auction.

SAT. JAN. 8 - 11AM New silo blocks, used silo blocks, new & used silo hoops, silo scaffold, forklift, Dodge 800 truck tractor, etc. River Road Silo Co. Dick Crittenden Auction Co.

SAT. JAN. 8 - 12Noon, 5.85 Acre Farm. Located At 341 Coon Rd., Gardners, Pa. Tyrone Township, Adams Co., Midway Between Biglerville & Mt. Holly Springs In The Village Of Idaville, Turn Off Route 34 Onto Idaville-Peach Glen Rd., Then West On Coon Rd. 1 Mi. (1 Mile East Of Upper Adams Fish & Game Association). Sign Posted. Executrix, Bertha C. Gardner. Larry J. Peters, Auct.

SUN. JAN. 9 - 12:30PM Home Near Penn State Campus located at 230 Sparks St., State College, Pa. Just blocks from Penn State University Campus. Ronald J. & Ronald S. Gilligan, aucts.

MON. JAN. 10 - 12Noon, Restaurant Equipment, Antique Decor. Ludwig & Luigi's - 250 Seat, Fully Decorated, Restaurant. Located 1410 Grape St., Whitehall/Allentown, Pa. Mark Baranowski, AU-2570.

WED. JAN. 12 - 2PM, Antiques, Household Goods, Collector Dolls & Tools. Located At The Horst Auction Center, At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2¼ Miles West Of Ephrata), Ephrata, Lanc. Co., Pa. Horst Aucts.

THURS. JAN. 13 - Farm Machinery, 7 Head Of Mules, Westfalia Milkers, Sputnick, 110 Ton Ear Corn. Located Cainbridge, Lanc. Co., Pa. Owners, Amos & Sally Ebersole. Petersheim Aucts.

THURS. JAN. 13 - 10AM 220 Acre Farm near Maytown. Kenneth E. Hassinger, Neil A. Courtney, aucts.

THURS. JAN. 13 - 11:30AM, Dairy Cow & Heifer Auction. Located At Shady Lane Dairy Sales Inc., 1/4 Mile West Of Quarryville, Pa. Off Rt. 372 On To Oak Bottom Rd. Shady Lane Dairy Sales, Inc.

FRI. JAN. 14 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI JAN. 14 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. JAN. 15 - 8:30AM Antiques, comic books, antique furniture, glassware, tools. Held at Brickerville Fire Hall just off Rt. 322 W. of Ephrata in the Village of Brickerville, Pa. Lanc. Co. By Alice & John C. Weaver. Snyder's Auction Service.

SAT. JAN. 15 - 8:30AM, Antiques, Household Goods, Car & Tools. Located In The Chanceford Community Center Approx. 8 Miles Southeast Of Red Lion Off Rt. 74, Turning At The Brogue Post Office. Owners, Ovella F. Miller Estate & Mr. & Mrs. Ralph Hoffmaster. Bob & Tom Sechrist, Aucts.

SAT. JAN. 15 - 9AM, Antiques, Collectibles, Baseball Cards, Stereo Eqpt., Motorcycle & Coins. Located Southern Manheim Township Firehall, Fruitville Pike, Lanc. Pa. Robin Reist Estate. E.M. Murry Associates, Aucts.

SAT. JAN. 15 - 9AM, Collection Of Elmer (Sonny) Reed. Antique Farm Implements And Tools. Located 2100B Jacksonville-Jobstown Rd., Columbus, N.J. Lee Parker Auct. (609) 723-2010.

SAT. JAN. 15 - 9AM, Fine Antiques, Frakturs, Glassware & China, Jewelry, Children's Books, Household Goods, Fishing Equip., Tools. Located 128 East James Street, Lanc. Pa. Sale By, Verna Ault Estate. Howard Shaub, Inc. Auct.

SAT. JAN. 15 - 9AM, Fine Antiques, Household Goods, Musical Instruments & Tools. Located At The Horst Auction At The Corner Of Rt. 322 & Durlach Rd. (Approx. 2¼ Miles West Of Ephrata), Ephrata, Lanc. Co., Pa. Horst Aucts.

SAT. JAN. 15 - 9:30AM, Meyer Farm Equipment, Inc. Located Wilmington, Ohio. Gehling Auction Co., Inc.

SAT. JAN. 15 - 10AM Pa Hunting & Fishing License Auction, At 768 Graystone Road, 7 Miles N. of Lancaster, Pa. Conestoga Auction Co.

SAT. JAN. 15 - 10AM, Woodworking Tools And Shop Supplies. Located Along Route 316 Mid-Way Between Chambersburg And Waynesboro, Franklin County, Pa. Sale For, Mrs. Adin Kuhns. Andrew Martin, Auct.

SAT. JAN. 15 - 10:30AM, Horse Sale. Located At 834 Wallace Rd., New Holland, Pa. Directions: From Rt. 23 In New Holland, Go South On Brimmer Ave., Go 2 Miles South On New Holland Road To Hill Rd. Turn Left On Hill Rd. Proceed 1.2 Miles To Sale On The Left. From Rt. 340 East Of Intercourse Take New Holland Rd., 2.5 Miles To Hill Rd., Right On Hill Rd. To Sale On Left. Owner, Mel Hoover. Mel Hoover, Auct.

MON. JAN. 17 - 5PM, Victorian Album Cards & Huge Button Collection, Gigantic Victorian Jewelry & Ladies' Ring Collection, Post Card Selections, Collectibles & Paper Americana. Located Brickerville Fire Hall, Lititz, Pa.. Hopeland, Pa., Just Off Rt. 322, West Of Ephrata. C.A. Caple Auct. & Associates.

FRI. JAN. 21 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. JAN. 22 - 8:30AM, Household Goods, Some Antiques, Collectors Trucks & Tools. Located In The Chanceford Community Center, Approx. 8 Miles Southeast Of Red Lion Off Rt. 74, Turning At The Brogue Post Office. Owners, Donald & Hope Snodgrass. Bob & Tom Sechrist Aucts.

SAT. JAN. 22 - 9AM, Antiques, 1954 Olds 88 V-8 2 Dr. Mint, Household Goods, Lawn Mowers, Dishes, Tools, Etc. Located Abbottstown, Pa. Take Route #30 1/10 Mile East Thence Turning South onto Country Club Road 1/10 Mile To Sale In Adams County, Pa. Executor, John Gladfelter. Clair R. Slaybaugh, Auct.

SAT. JAN. 22 - 9AM, Real Estate (28 Room Building-Jr. High School, Surplus School Equipment, Lge. Asst. Teacher, Student Desks, Chairs, Cabinets, Bookcases, File Cabinets, Shop Equip., Drafting Tables, Others, Folding Cafeteria Tables, Stainless Steel Tables, Freezers, Refrig. Etc., Asst. AV Equip. & Lumber. Located 28 North 3rd Street, Lehighton, Carbon Co., Pa. Sale By, Lehighton School District. Doug/Tim Houser Aucts.

SAT JAN. 22 - 9:30AM, Antiques & Household Goods. Located Brickerville Fire Hall. E.M. Murry Assoc. Aucts.

SAT JAN. 22- 10AM Public auction, located in Centre Co. along Rt. 45, 9 mi. east of Centre Hall or 25 mi. west of Mifflinburg, Pa. Modern Farm Machinery Mr. & Mrs. Leroy Zimmerman, Jr., owners. Bryan D. Imes, auct

SAT. JAN. 22 - 10:30AM (Blizzard date Wed. Jan. 26) Sabinsville (Tioga Co.) Pa. Ackley's Century Farm Retiring from Dairying. selling 118 Holsteins, big line of machinery, dozer, 4WD loader, load loader, etc. Pirrung Aucts., Inc. 716-728-2520.

SAT. JAN. 22 - 10:30AM, Work Horse & Mule Sale. Located At 834 Wallace Rd., New Holland, Pa. Directions: From Rt. 23 In New Holland, Go South On Brimmer Ave., Go 2 Miles South On New Holland Road To Hill Rd. Turn Left On Hill Rd. Proceed 1.2 Miles To Sale On The Left. From Rt. 340 East Of Intercourse Take New Holland Rd., 2.5 Miles To Hill Rd., Right On Hill Rd. To Sale On Left. Owner, Mel Hoover. Mel Hoover, Aucts.

SAT. JAN. 22 - 1PM, Valuable Real Estate. Located At 3002 Marietta Ave., Lanc. Pa. (The Corner Of Centerville Road & Marietta Ave. Executors, Wanda D. Miller & Blanche S. Jamison. Gilbert & Gilbert, Aucts.

TMB AUCTION

RESTAURANT EQUIPMENT AUCTION

MONDAY, JAN. 10, 1994

-12 NOON

LUDWIG AND LUIGI'S - 250 SEAT, FULLY DECORATED RESTAURANT, 1410 GRAPE ST. WHITE HALL/ALLENTOWN, PA.

DIRECTIONS: I-78 To Rt. 22 To MacArthur Rd., (Rt. 145) Exit. Directly Across From Lehigh Valley Mall.

TERMS: Cash Or Pa. Check. NO OUT OF STATE CHECKS.

EXTRAORDINARY ANTIQUE ADVERTISING DECOR SOLD AT 2 P.M.

ANTIQUE SIGNAGE And Decorator Pieces From Pennzoil, A Treat, Norka Cherry Soda, O'Dell Tobacco, Lee Overalls, Aristocrat Ice Cream, Chesterfield, Coca Cola, Auto Related, **MOUNTED TROPHIES,** Many Prints, Photographs, Antique Store Displays, Many Hanging, **TIFFANY-TYPE** Lights, Victorian Hanging Lights, Unusual Exterior **GARGOYLE** Lights And Posts.

KITCHEN MAJORS

GARLAND 12 Burner Gas Range w/Grill Sits On (2) **TRAULSEN** 8' Refrig. Grill Stands, **GARLAND** 48" Gas Grill, **BAKER'S PRIDE** 48" Gas Char Broiler, **GARLAND** Gas Salamander Broiler, **CLEVELAND** Convection Steamer, **FRYMASTER SPAGHETTI MAGIC-** 2 Bowl System, **FRYMASTER** Single Bowl Spaghetti Magic, **FRYMASTER** Programmable Double Gas Fryer-Fry Baskets Automatically Rises - A Beauty, 4' Steam Table-Electric, (2) **CLEVELAND** Electric Steam Kettles On Stand, **GROEN** 20 Gal. Steam Kettle, **BARDEAU** 50 Gallon Steam Kettle, **BLODGETT** Electric Convection Oven.

FOOD SERVICE EQUIPMENT

HOBART 20 Qt. Mixer, **HOBART** Slicer, **HALIDE** Food Chopper, **ALTO SHAM** Cook And Hold Cabinet, **ALTO SHAM** Bread/Potato Drawer, **LANE** Meltmaster, **PANASONIC** Pro I Microwave, **AMANA** RCS710B Microwave, **SHARP** Comm. R23 AP Microwave, **BUNN** Coffee, Ice Tea, Time Clock, 100's Of Smallwares- China, SS Pans, Large Kettles, Utensils, Tons Of SS Steam Pans, Ros Gas Hot Water Heater, Culligan Water Softener.

REFRIGERATION

TRAULSEN Single Door Freezer SC, (2) **TRAULSEN** Single Door SC Refrigerators, 8' Refrig. Pizza Prep Station, 4' Refrig. Bain Marie, 6' Refrig. Counter, **SCOTSMAN** Ice Machine, **SCOTSMAN** System 2 Ice Machine, **WALK-INS-** 6'x8' Penn Back Bar Cooler, 8'x10' Penn Cooler Leads Into 6'x8' Freezer, Penn Walk-In Cooler 8'x8'.

HOODS

8' And 10' Hoods With Ansul And Make Up Air, 8' Sauce Hood.

STAINLESS STEEL

Many Metro Shelf Units, 12' SS Table, 3' SS Table, 4' SS Table, 6' SS Table, 14' SS Counter w/Sink, 2 Bowl Sink- Wings- NSF, (2) SS Corner Shelf Cabinets, Many SS Shelf Units, Dishwasher Wings, 7' SS Counter, 8' SS Counter 18" Deep, 6' Counter 18' Deep, SS Hand Sink, Salad Prep Station-Sink w/T&S Spray.

FURNITURE

8' Refrigerated Salad Bar SC, Magnificent Oak And Brass Bar, Oak Hostess Station, (21) 48" Rect. Tables, (2) 6' Round Tables, (2) 5' Rect. Tables, (6) Deuce Tables, (120) Bentwood Type Chairs, (30) Highboy Bentwood Bar Stools, (8) Highboy Cocktail Tables, Outdoor Cafe- (8) White Plastic Round Picnic Tables, (40) Chairs.

MARK BARANOWSKI AUCTIONEER
(717) 657-2317

Contact Auctioneer For Picture Flyer, Will Fax. Specializing In Restaurant Equipment Auctions. We Are Always Seeking Complete Restaurants And First Quality Consignments Of Commercial Equipment. If You Have Equipment To Sell, Please Call Our Offices. We Have Cash Buyers Waiting For Your Equipment.

AUCTION

OF VALUABLE REAL ESTATE ON: SATURDAY, JANUARY 22, 1994

AT 1 P.M.

AT: 3002 MARIETTA AVE. LANCASTER, PA. (the corner of Centerville Road and Marietta Ave. The undersigned executors of the Bari L. Weaver Estate will offer at Public Auction the following:

REAL ESTATE

2.5 Story Colonial House With Aluminum Siding Situated On A Large Corner Lot. First Floor Consists Of A Living Room, Dining Room, Kitchen, Family Room, 1/2 Bath And Pantry. Second Floor Has 3 Bedrooms And 1 1/2 Baths. Real Estate Also Has A Basement And Attic. House Is Heated By Oil Hot Water Heat. Property Has A 1 Car Garage With Workshop. Extras: Covered Porch, Patio, Nice Yard Area With Trees & Shrubbery, Macadam Driveway, Public Water & Sewer Zoned R-2.

TERMS: 10% Down Day Of Auction, Balance Due In 45 Days.

OPEN HOUSE: Saturday, January 8 From 1 Till 3 P.M.

TERMS: Cash Or Approved Check

Executors,

WANDA D. MILLER
BLANCHE S. JAMISON

GILBERT & GILBERT AUCTIONEERS
JACOB A. GILBERT LIC. #336
BRIAN L. GILBERT LIC. #2256
PH. 252-3591 OR 252-1656
NIKOLAUS HOHENADEL & UMBENHAUER ATTYS.

Lancaster Farming

PA STATE FARM SHOW ADVERTISING SCHEDULE

JAN. 3	JAN. 4	JAN. 5	JAN. 6	JAN. 7	JAN. 8
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM		PRINTING AND MAILING DATE	HOME DELIVERY DATE	FARM SHOW OPENS

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES. JAN. 25 - 9AM, Quilt, Craft & Buggies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. JAN. 26 - 9AM, Quilt & Craft. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. JAN. 27 - 9AM, HH Goods, Farm Equip., Mules And Heifers. Located 106 Horseshoe Rd., Leola, Pa. Turn Off Rt. 23 Onto 772 S., 1st Crossroad Right To Sale. Terms, John S. & Rebecca E. Beiler. Robert E. & Jeffrey R. Martin Aucts. Randal Ranck.

FRI. JAN. 28 & SAT. JAN. 29 - 9AM, 8 Acres Real Estate Zoned R-3 Fine Antiques, Household Goods, Farm Equipment, Tools. Located At 24 Kurtz Road, East Cocalico Township, Lancaster Co., Pa. (Directions: Rt. 272 In Reamstown, Turn West Onto Kurtz Rd. At Wooden Spoon Restaurant). Terms By, Harry B. Gibbel Estate. Horst Aucts.

FRI. JAN. 28 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. JAN. 29 - Mules, Farm Equipment For David Lantz, Beechdale Rd., Bird-In-Hand. Harry H. Bachman, Auct.

SAT. JAN. 29 - 8:30AM, Annual Toys & Baseball Cards Auction. Located Brickerville Firehall. E.M. Murry Assoc. Aucts.

FARM EQUIPMENT AUCTION

JANUARY 14, 1994
9:00 A.M.

SEE NEXT WEEK'S PAPER FOR ADVERTISEMENT

FARM EQUIPMENT AUCTION
2nd FRIDAY OF EVERY MONTH THRU 1994

SALE ORDER:
9:00 A.M.- SALE STARTS
9:30 A.M.- LARGE EQUIPMENT
12 NOON- FARM TRACTORS
12 NOON- SHRUBBERY
2:00 P.M.- LAWN FURNITURE

A & C DIFFENBACH AUCTION INC.
100 W. JACKSON ST., PO BOX 186
NEW HOLLAND, PA. 17557
(717) 355-7253
FAX# 355-9547
ALAN DIFFENBACH AUCT.- AU2258-L

Green Dragon Livestock Sale

Friday, Jan. 7, 1994
1:00 P.M.

Herd Of 40 Head In All Stages. Some Fresh, Some Springers And Some Bred Back.
Some Milking Up To 80 Lbs.
30 Day Test. Preg. Check.

Walter Risser, Prop.
717-733-2444
717-838-4318

RENTZEL'S AUCTION BARN

THURSDAY, JANUARY 6, 1994
1:00 P.M.

ANTIQUES ANTIQUES

ESTATE OF ADA DEITZ, HELLAM, PA.
ESTATE OF VELLA DEARDORFF

Location: 1.1 Miles North Of Manchester, Rt. 181, Turn Right At Gray Rock, Watch For Signs.

Sylvania TV w/stand, 2 leather top tables, 2 wing back chairs, Herschede 902 Movement Grandfather Clock w/Westminster & Canterbury Chimes, Moonface; Prowell History of York County, and Lancaster County, Penna. Historical Book, Duncan Phyfe Round Table, Marble Top Coffee Table, Brass Lamps, 1920's Bedroom Suite, Trunk, Old Hats in Boxes, Armours American Cheese Barrel, Round Table w/4 Chairs, Whirlpool Refrigerator, Microwave Stand, Kneehole Desk w/ Chair, Old Tins, Old Market Basket, Old Pictures, Blanket Chest, Bedspreads, Rock Maple Bedroom Suite, Butterfly Quilt, Comforters, Old Christmas Decorations, Wood Toy Chest, Dresser Mirror, Hellam High School Diploma (1918), Hokum Game (Parker Bros.), Paper Dress Maker Fitting, 5 Leg Oak Table, Oak Benches, Large 2 Lid Blanket Chest, George Marsh Clock, Old Plank Bottom Rockers, Maytag Washer w/Cavalier Dryer, Metal Tool Boxes, Hand Tools, Power Tools, Long Handle Tools, Crocks, Copper Boiling Tub w/ Lid, Small Pot Belly Stove, Hand Made Quilts, 2 Sets of Plank Bottom Chairs, 2 Sets Pfaltzgraff Dishes, Lawn Chairs.

2:00 P.M. Grandfather Clock & Furniture

Executor: The York Bank
Executor: Dorothy Baum

TERMS: CASH OR GOOD CHECK
RENTZEL'S AUCTION SERVICE
BLAINE RENTZEL & LARRY RUTT
#RH-000026-LH
OFFICE: 764-6412
AUCTION BARN: 266-7200

PUBLIC AUCTION

SATURDAY, JANUARY 15TH, 1994 - 9:00 A.M.
(1988 MACK TRACTOR & 1990 Wally-Mo CAR Trailer.)
VEHICLES, HEAVY EQUIPMENT, TOOLS, COMPUTERS, OFFICE EQUIP., REST. EQUIP.

Public Auction Of Very Good Tools, Computers, Office Equipment, Heavy Equip., & Restaurant Equip. Auction Located In Centre County - 3 Miles East Of State College On Rt. 26 Across From The Nittany Mall - At The Nittany Automotive Center, 25 Decibel Rd., State College, PA. Watch For Auction Signs.

Selling The Following Business Equip. From Nittany Automotive Center: **COMPLETE SNAP-ON COMPUTERIZED 4 WHEEL ALIGNMENT MACHINE - RAMP MOD. WA2000 (ALIGNMENT MACHINE LIKE NEW), SNAP-ON LATHE for ROTORS & DRUMS W/ATTACH. & HOOKS (LIKE NEW ONLY USED A SHORT TIME), BENWIL 7,000 lb. Portable - above ground LIFT, BENWIL 9000 lb. Portable - above ground LIFT, NOBLES** Commercial Carpet Cleaner (like new), **EMGLO** Portable Air Compressor w/Honda Gas Engine, 5th Wheel Attach. for Heavy Duty Towing - Manual Lift, AT&T Spirit 14 Phone System - LIKE NEW, Metal & Steel Desks, Pitney Bowes Mailing Machine mod. 6200, Toa 900 Series Speaker & Amplifiers, 6 - Four dr. Filing Cabinets, 2 dr. metal lateral Fire Cabinets, 6 Mats for under Office Chairs, 5 Candy Vending Machines, Plus other misc.

COMPUTER EQUIP. & VERY GOOD OFFICE FURNITURE

Selling the following for LIQUIDATION OF KEYSTONE MANAGEMENT SYSTEMS: **COMPUTERS:** HI-TECH 1486, 80387, VGA, 8MByte, Mem, DoS 5.0/Windows, 140 MByte Int. Dr. w/Monitor, IBM PS/2 80386, VGA 2 MByte Mem, DOS 5.0, 40 MByte ext. Dr. W/Color Mon., IBM PS/2 80386, 80387, VGA, 4 MByte Mem. DOS 5.0, 80 MByte ext. dr. w/Color Monitor, Epson 80286, VGA, 640KB Mem. DOS 3.3, 20 MByte Int. Dr. w/Mon., IBM PS/2 80286, VGA 80287, 640KB, Mem. DOS 5.0, 40 MByte Int. Dr. w/Mon., HP Laser Jet Series II Printer, SOFTWARE: LOTS OF SOFTWARE - listed a few: Timeline Pro. Management, (Windows), Word Perfect (DOS), Microsoft Word (Windows), Plus MANY OTHERS. SHARP FAX MACHINE, Multi-Media Peripherals such as: Sony Trinitron, Panasonic, Pioneer RGB. **OFFICE FURNITURE - GOOD QUALITY & In EXCELLENT COND.:** 10 Book Shelves, 6 File Cabinets, 8 Room Dividers, 8 Office DESKS, 10 Folding Tables, 20 Office Chairs, LARGE CONFERENCE TABLE, Exec. Desk, Small Microwave, Refrig., 6 Telephones & Office Books, **COPY MACHINE.**

TOOLS

TOOLS FROM AN INDIVIDUAL WHO RETIRED AS A HEAVY EQUIP. MECHANIC: INCLUDE NAME TOOLS SUCH AS SNAP ON, BLUE POINT, ROCKFORD, MAC, CRAFTSMAN & ETC. Bolt Extractors, Torque Wrenches - ¼" - 3/8", Slide Hammer, Brake spring Pliers, Wheel Puller, Pipe Extractor, Pipe Wrenches, Sockets 8 pt. ½" to 1", Impact Sockets Deep 3/8" to 13/8", Long box & open end wrenches 3/8 to 3, to 3/4, AIR TOOLS: Snap On Chisel Set, Rockford Impact ½", MAC IMPACT ½" & 3/4", MAC 3/8" Drill, Blue Point Impact 3/8", Blue P. Rachet 3/8", Snap on CDI Ratchet 3/8" to 1/2", Air Grinder & MANY TOOLS TOO NUMEROUS TO LIST.

VEHICLES

1985 **DODGE RAM** VAN - SIDE DOOR, 4 Cyl., 4 Spd. (from an Estate), **1980 Scout** 2 w/345 V-8 Engine; 4x4 w/auto lock hubs; 2 dr. w/cruise, air & tilt steering, **1978 Scout** 2 - 4x4 w/V-8 Eng., 2 dr. Auto Trans., **1977 CHRYSLER NEW YORKER** 4 dr. All Power, **1976 CHECKER GRAY TAXI,** 350 Eng., 4 dr., Auto Trans., **1976 CHEVY** Step Van w/Alumn. Body, 350 Eng. 4 Spd., **1970 WINNEBAGO CLASS A MOTOR HOME, 1964** RED CADILLAC FLEETWOOD, 4 dr. 8 pwr. windows, all options avail. in 1964, **1928 FORD MODEL A** PICK UP TRUCK.

1988 MACK TRACTOR CM-422 SINGLE AXLE, 6 CYL., 7 SPD. FULLER - 45,000 orig. MILES.

1990 WALLY-MO 6-7 CAR TRAILER - NOTE: BOTH TRACTOR & TRAILER BOUGHT NEW IN 1990.

1978 FORD 4500 BACK HOE DIESEL TRACTOR W/FRONT LOADER & 2 Add. Buckets.

MODEL 12 TOTAL CHIP HARVESTOR W/JOHN DEERE DIESEL ENGINE & SELF CON. CAB. 2 - 45 Ft. FRUEHAUF CHIP Vans.

RESTAURANT EQUIP.: Scotsman Ice Maker - V. Good, Garland Pizza Oven, Deli Case, 2 S.S. Comm. Refrig. & Freezer, Berkel S.S. Meat Slicer, Sandwich Units, Food Warmers, Sinks, Stainless Work Tables & ETC.

TERMS: CASH OR CHECK DAY OF AUCTION — AUCTIONEERS RON J. & RON S. GILLIGAN #AU339L & AA2223L. 814-237-0189.
(All oral infor. day of sale takes precedence over written ads.)

ALDERFER AUCTION COMPANY

Saturday, January 8, 9:00 am

ON-SITE AUCTION

At: 314 Central Ave., Telford PA

1/3 mile off Old Bethlehem Pike Hilltown Twp

FURNISHINGS - MAH - Breakfront, 6pc Chp style B R suite, 7pc Sher style B R suite, Q A style cedar chest, knee-hole & slant front desks, D P style vanity, tilt top card table & end table, French & Chp chairs, MAPLE - 9pc D R suite, L R suite, Cedar wardrobes, massage/heated lounge chair, repro student lamp, gessoed mirror **ANTIQUES & COLLECTIBLES** - Seth Thomas banjo clock, camel back clock, Oriental prints, Roseville & Weller pottery, stoneware jug, S P tea set & flatware, custom jewelry, Christmas dec, farmers bell, Military uniforms, GUNS - Marlin m 57/m, Rem M 34 22 cal rifles, fishing equipment, **CAMERAS** - Lieca D R P 35mm, Canon m 4 w/ 3 lens, **GLASSWARE & CHINA** - 75+ collector plates, stemware, cruet, cookie jars **APPLIANCES** - H P refrig, Amana freezer, G E washer/dryer, microwave **FARM EQUIPMENT** - J D tractor - 1944B, ser 196047, elec start, 6 sp, power troll, good rubber, (as-is), (2) 2 bottom plows incl 3 pt & J D w/hyd, disc (3 pt), cultivator (3 pt.), (2) pull type corn planters incl J D & D Bradley, (2) sickle bar mowers incl J D no 5, 16' row crop boom sprayer **LAWN EQUIPMENT** - J D lawn tractor LX172, 14hp, 5 sp, 38" deck, w/snow blade, J D univ sprayer, (2) J D self prop lawn mowers 21", Troy Built Horse rototiller, Jari walk behind sickle bar mower, Kemp shredder/chipper, (2) J D chain saws, lawn cart **TOOLS** - Craftsman - table saw, planer, hand & power tools, ext ladders, platform scale, garden tools **AUTOMOBILES** - 1987 Buick Century ltd 28,800 miles, 4 cyl, 4 dr, loaded ***Terms Cash***

501 Fairgrounds Road, Hatfield, PA 19440
(215) 997-5100

New Jersey Consignment Auction

Sat., January 8th, 1993
10 A.M.

Int. 1600 w/13 Ft. Refer 220V. Cold Plate, 1980 Jeep 4x4 P.U. 3/4 Ton, 1987 GMC 7 Yard Dump 6V53 Detroit w/10 Spd. Trans., 1974 Kenworth 290 Cummins w/13 Spd. Trans. And Wetline, 1966 Int. Military 5 Ton Tractor 10 Wheel Dr. w/20,000# Winch, 1 Ton Dodge P.U., C30 Chevy Stake w/Lift, Int. Crew Cab Dump, C-30 Chevy Dump, J.D. 450B Trac. Loader, (2) Int. Model A Tractors w/Cultivators, "Other Tractors Not Listed" 12 Ton Jersey Tag-Along Trailer, 1 Ton Roller, Roller Trailer, Power Boy Paver 9 To 12 Ft., New Idea Manure Spreader, 12 Ft. Easy Flow Fertilizer Drill, 3 Pt. Chain Mower, Yale Electric Forklift, Powell Trans. Planters, Green House Pipes, Heaterers, Fans, 1 & 2 Gallon Pots, 5 H.P. Sears Gas Compressor, Electric Compressors, Battery Charger, Truck Tires 7-20, 10-20, Old Seed Cleaner 5 Inch Gate Valve, Various Shanks And Cultivator Parts, Shop Tools, And Hand Tools. More Coming In Daily. Accepting Consignments Until Friday, Jan. 7, 3 P.M.

Location: Tri County Auction Mkt., Rt. 33 (Mercer St.) 2 Miles West Of NJTP Exit 8. Call Alfred's Auction At 609-448-SOLD. PO Box 861, Hightstown, N.J. 08520. Sale Site 448-0193.

WOOD'S DAIRY SALE

Wednesday, January 5
— 12:30 Sharp

Selling At The Gordon Wood & Sons Sale Barn. Just Off Route 287. 1 Mile North Of Tioga, PA; 6 Miles From Lawrenceville; 11 Miles From Mansfield.

74 Reg. & High Grade Holsteins
Interstate Tested - Preg. Exam - Shipping Fever Shots
From HELEN HARKENRIDER (McRider Holsteins) - Rexville, NY.

22 Reg. Holsteins. A few fresh cows; 2 handling calves; Balance in various stages of lactation. Several cows just checked s/ w/c or just bred. The kind worth waiting for! A lot of good breeding in this herd. On test 2 years ago with some good records.

Sires Represented: Dreamstreet, Odyssey, Cutlass, Banker, Camaro, Elvate, Omar, Saber, Montana, Jonathon, Tesk & Columbus.

From WARREN SMITH - Tioga, PA.

29 High grade Holsteins. Fresh cows, close springers, year round freshening. Milking cows average approx. 55 lbs/day. This herd has always made a lot of milk with just average feed, they will work for anyone!!

Selected by GORDON WOOD

23 Reg & Grades; fresh and close springers. The good uddered kind that milk. 7 are first calf hfrs. A Reg. Valiant Ted - real dairy! 2 Marks w/real type! 4 other grade first calf hfrs. Most of these selections are the right kind!!

Other Consignments Welcome!

WOODS AUCTION SERVICE
Gordon Wood And Sons
Mansfield, PA.
717-549-4901 or 717-835-5857

LARGE PUBLIC AUCTION

VERY NICE TRACTOR - EXCEPTIONAL MACHINIST GAUGES & EQUIPMENT - CARS - VERY NICE OFFICE FURNISHINGS

THE LATE FRANCES T. PLANK & WILBUR L. PLANK ESTATES

The following will be sold on site at two (2) locations - on

SATURDAY, JANUARY 8, 1994

Sale Starting At 9:00 A.M. - At rear of 48 & 50 South Street - Gettysburg, PA (from square, take US Route 15 South (Baltimore Street) - go to South Street - (opposite High School).

Box O Matic Model 2400 slitting machine - 28" table; Box O Matic Model 2800 and Model 1200 box machines; Marsh Stencil Machine Co. 3/4 in. stencil cutter on stand; Wright 2000 lb. electric chain hoist; Aminco 600 degree - electric forced draft oven; Stokes Microvac high vacuum pump with large & small pressure and vacuum tanks; DeWalt 10" radial arm saw with stand; nice Porter Cable 2" belt sander with motor; 8" disc cut-off saw with Balder motor; Delta 4" router & 7 1/2" table saw with motor and stand; Cyclone Model M 1/2 ton chain hoist; Boesch Mfg. Toridal coil winder; Genco small vacuum pump; Howe brass beam portable platform scales; Signode 1/2" banding machine; small Binks portable air compressor; Vann Guard self propelled 6 HP, sidewalk or parking lot vacuum; 16 pieces metal scaffold with braces; scaffold doilies; Cooper electric wax tank; 2 nice large shop anvils; lot partial rolls all kinds wire - up to 12 conductor; new matics; wood dial rods; old cast radiators; homemade floor crane; old metal lathe; small floor press; Enerpac 10,000 lb. porta-power; nice steel Frontier wood stove; Lehigh Oak antique wood stove; large oak double desk; 30x31 in. large paper cutter; large Statesman 2-drawer file cabinet; large wooden 48 in. by 16 ft. work table with drawers; Ohaus Model 700 triple beam scales; reel mower; lot misc. hardware; organizers; rolls 39" coverings; 3/4 & 1 in. sheets, foam.

Second Location - Starting At Approx. 11:30 A.M. - Located at 123 Springs Avenue - Gettysburg, Pa. (taking Route 30 West from square in Gettysburg - (Chambersburg Street), at second red light go straight onto Springs Avenue - sale signs posted.

International Model 424 Utility tractor - 13.6x28 like new rubber, PS, 3 pt., weights with 555 original hours - one of a kind, always inside; Century front mounted high-lift with prongs - hyd. lift & angle - offered separate & together; 3 pt. angle scraper blade; tire chains.

CARS - 1976 Oldsmobile Custom Cruiser stationwagon - air, radio with 96,700 original miles; 1961 Pontiac Catalina - 4 door, 2 new snow tires with 51,695 original miles.

Very nice Schramm 1/2 HP air compressor, Rockwell-Delta 13" throat band saw with extra accessories on heavy frame; large Bridgeport Model 3046 milling machine - 3 phase; very nice South Bend 42" metal lathe - 9" with storage cabinet base; large Rockwell-Delta heavy duty 20" 3-phase drill press; Commander Selectra spindle attachment; Keller electric filing machine; Precision Machine 12" finger break - P. Machine No. 2 finger break with 12" throat; P. Machine No. Q1858 notching machine; P Machine No 3-12" shears; Unitek Model 1-141-01 welder with Unitek 2-132-01 DC impulse welder; Thermalyne-Type 1500 electric furnace - 240 volt; Delta spot welder; 400 cycle 3 phase & single phase generator; Handi Hack Model C power hack saw; Precise 45,000 RPM high speed grinder; small Dunmore high speed drill press; B&D No. 20 dye grinder; Stevens Model 38AML bobbin winder; Fry multiple winder with 10 tensions; Ideal wire cutter; 3 Model 106 tape shooters; Sentinel 12" sealing machine; large Aco coil winder - 3 phase; homemade heavy duty vacuum tank; 24x19 in. spray booth with exhaust system and filters; Sentinel Model 28TP sealing machine; large amount punches and drills; large amount machine shop accessories - collets, chucks, taping, etc.; oak jewelers chest with dovetailed drawers; rotary table; small work bench; large metal frame - wood top - 34" by 11 ft. shop work bench; several large paper cutting boards; large metal 37 by 28 in. paper storage rack; Starrett No. 123-24" Vernier gauge; VME Vernier gauge; large amount micrometers up to 6 inches; Braun & Sharpe Super Vernier height gauge; Braun & Sharpe dial indicator; set Braun & Sharpe certified wear blocks; Granite 2 ft. by 18 in. surface plate; lot other various gauges; thread gauges; Digital volt meters; Beckman Eput meter; Micro Vue shadow graft; several Variac's; heavy metal shelving; large amount rolls lead wire; wall racks; lot small hand tools; older Quality gas range; lot C-clamps; several plexiglass top work tables.

Office Furnishings Include- Approx. 10 very nice metal file cabinets; 1-legal 4 drawer file cabinet; 3 very nice walnut conference and other desks - some like new; lot office chairs; 2-drawer file cabinets; card files; electric IBM typewriter; folding table; mimograph machine; many other items.

AUCTIONEER'S NOTE - Mark Date & Plan To Attend This Exceptional Sale - We will give bidders time to move to Springs Avenue sale site after concluding sale at South Street.

TERMS - Cash or Check With Bank Letter Of Credit.

Lunch Truck

The Estates Of The Late Wilbur L. Plank & Frances T. Plank- Owners

C. David Redding - Auctioneer -
PA License No. 742-L
1085 Table Rock Road - Gettysburg, PA
- Ph: 717-334-6941
Wolf & Oyler- Attorneys -
112 Baltimore Street - Gettysburg, PA.
CLIP AD FOR REFERENCE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JAN. 29 - 9AM, Farm Machinery & Some Household Articles. L. Alfred & Joan L. Weller. 11312 Johnstons Lane, Mercersburg, Pa. Franklin Co.

CORRECTION! PLEASE NOTE!

11th Annual NEW YEARS DAY AUCTION

SAT., JAN. 1, 1994

at 2:00 P.M.

Bayview Heights Auction
Bayview, Maryland

Located on MD 274, 1 mile off exit 100 I-95, 40 miles South of Philadelphia, PA, 45 miles North of Baltimore, MD, 40 Miles South of Lancaster, PA Rt. 272

"OAK WOOTEN DESK" In very good condition. Previously Listed As "Wooden". Refer To 12/25 Issue, Page B26 For Full Listing.

BAYVIEW HEIGHTS AUCTION
2741 Biggs Hwy
North East, MD 21901
David C. Racine & Assoc. Auctioneers
Estate and Consignment Sales
1-410-398-5455 or 410-658-6996

"Horst Auction Center"

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS, GUNS, POCKET KNIVES & TOOLS

WED., JANUARY 5, 1994

AT 2 P.M.

Sale to be held at the Horst Auction Center located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles West of Ephrata), Ephrata, Lancaster County, PA.

FURNITURE

OAK: Fine Ice Box, Bedroom Suite, Dresser; Pressed Back Chairs; Morris Chair, Lampstand; Mahogany Parlor Suite; Tea Cart; Victorian Dresser; Windsor Type Chair; DEPRESSION: Library Table; Kitchen Cabinet; Porcelain Top Table; Smoking Stand; Cedar Chest; Blanket Chests; Trunk; Mod. Corner Cupboard; Boston Rocker; Wicker Rocker; FINE CHERRY HUTCH; Maple Dining Room Suite; Mod. Grandfather's Clock; Blonde Oak Bedroom Suite; Maple Beds & Chest Of Drawers; Living Room Suite; Swivel-Rocker; Lounge Chairs; Wardrobe; Antique Frames; Fox Print.

APPLIANCES: Side x Side Refrigerator (24 Cu. Ft. w/Ice Maker; Auto Washer & Dryer; Freezer; Microwave; Dehumidifier; Stair Glide; Color TV's; Sweeper; Lamps; Iron Pans; Cookware; Mantel Clock; Brass Plant Stands; Flatware.

CHINA & GLASSWARE

Lenox China; Yelloware Bowl; Set Of "Fire" China; Urn; Oriental Jar; Mixing Bowls; Pressed & Pattern Glass; Amber & Depression Glass; PORCELAIN BOEHM BIRDS.

LINENS: Fancywork; Comforts; Sewing Box; Baskets; Doll Cradle; Records.

RIFLES: Winchester .22; Marlin Model 80 .22; New Haven .22 & Other .22; Ross Canadian Military.

SHOTGUNS: Stevens Model 238A 20 Ga.; Double Barrel Hammergun; 12 Ga. & 16 Ga. Single Barrel; Colt Double Barrel.

KNIVES: Collection.

TOOLS: Carpenter's Chest; Hand Tools.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

HORST AUCTS. AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3000
Fax # (717) 738-2132
"VOICES OF EXPERIENCE"

SAT. JAN. 29 - 9AM, Livestock, Farm Equipment & Shop Equipment. Located Midway Between Strasburg & Georgetown, Along Route 896. At 613 Georgetown Road, Lanc. Co., Pa. Owner, Aaron S. Fisher. Diffenbach's Auct.

SAT. JAN. 29 - 10AM, Consignment Auction. Farm Machinery, Trucks, Loaders & More. Located Teitsworth Auction Lot, Groveland, N.Y.

SAT. JAN. 29 - 10AM Work horses and farm equip. Located in Chester Co., 4 miles S. of Cochranville, Pa. along Homeville Rd. Owner: Abner S. Stoltzfus. J. Omar Stoltzfus and Leon Kurtz, aucts.

SAT. JAN. 29 - 11AM, 126 Acre Dairy Farm. Located Along Rt. 73 Between Oley & Pleasantville, Berks County, Pa. Terms By, Omar A. Kurtz. Horning Farm Agency, Inc.

FEBRUARY

WED. FEB. 2 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. FEB. 3 - Farm Machinery, 7 Head Of Horses. Located Bird-In-Hand, Lanc. Co., Pa. Owners, Solomon & Fannie Zook. Petersheim Aucts.

FRI. FEB. 4 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. FEB. 4 - 10AM, Huge Special Auction For Ford Motor Credit Co. Located Cortland, N.Y. Local Banks & Ford New Holland Cortland.

PUBLIC SALE

OF ANTIQUES - HOUSEHOLD GOODS, LOTS of CERAMIC & GREENWARE ARTICLES, J. DEERE RIDING MOWER, POWER & HAND TOOLS, GUNS

SAT., JAN. 8, 1994

AT 9:00 A.M.

Loc. 1609 Long Lane, Manor Twp., Lancaster Co., PA. (Dir.: West of New Danville, near Rock Hill Tavern).

Food Served

Sale By:
MR. & MRS. CHARLES E. MATEER

Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION

OF 126 ACRE DAIRY FARM

SATURDAY, JANUARY 29, 1994

AT 11:00 A.M.

Located Along Rt. 73 Between Oley And Pleasantville, Berks County, Pa.

Property Consists Of 2 Family 2 1/2 Story Stone And Brick Farm House.

Side One: Kit., Din Rm., Liv, Rm., 6 Bdrms., And Bath.

Side Two: Kit., Din Rm., 2 Bdrms., and Bath. Both Sides Have Gas Heat.

Stone, Frame, And Block Dairy Barn With 34 Tie Stalls. Block Milk House With Small Office Space. 600 Gallon Mojonnier Milk Tank, Stainless Steel Pipeline And Washer System, Attached Corn And Equipment Shed, 2 Frame Sheds Used For Calf And Heifer Housing, Block Garage With Workshop, Stone Smoke House, 16x60 And 11x50 Stave Silos.

LAND: 126 Acres total, 100 Acres Tillable, 22 Acres In Pasture, 4 Acres Building And Orchard Area, Soils Are Duffield Silt Loan, And Duffield/Hagerstown, Terrain Is Mostly Gentle Slope, Manatawny Creek Crosses Property, Public Sewer Line Parallels Creek, Petroleum Line Crosses Corner Of Property.

Zoning Is Agricultural Preservation And Residential. Property Is Being Sold Subject To A Land Conservation Easement. This Is A Highly Productive Farm In A Picturesque Setting.

Inspection is Saturday, January 1, 1994 from 1 to 4 p.m., or by appointment.
Terms: 10% day of sale.
Possession: March 15, 1994

TERMS BY:

OMAR A. KURTZ
HFA HORNING FARM AGENCY, INC.
Alvin Horning, AU-0433-L
P.O. Box 251, Morgantown, PA
(215) 286-5183

SAT. FEB. 5 - 1 Acre Building Lot, 35,000 Sq. Ft. Grocery Store, Inventory. Located Nicklemine, Pa. Owners, Harry & Nancy Fisher. Petersheim Aucts.

SAT. FEB. 5 - 9AM Real estate, tools, tractor, sprayers & parts, office equip., complete liquidation of Lester A. Singer Co. At 96 N. Ronks Rd., Take Rt. 30 east to Lancaster, PA approx. 5 miles to Ronks Road. Turn north at Turkey Hill Market, approx. ½ mile to auction. By Miriam B. Singer. Ron Funk, Gordon Ressler, aucts.

SAT. FEB. 5 - 10AM, Shop Equipment, Tools, Household Goods. Located 6 Miles Southeast Of Strasburg, One Mile South Of Georgetown, At 87 Quarry Road, Lanc. Co., Pa. Owner, John S. Glick. Diffenbachs, Auct.

MON. FEB. 7 - 9AM Farm equip, tractors, veg. equip., trucks, produce mkt. equip, 1 horse sleigh. Located 4 mi. S of Doylestown at 1535 Stuckert Rd., Warrington, Warrington Twp., Bucks Co., Pa. PA Turnpike E/W, exit 27, turn N onto Rt 611, go 6 mi. turn R onto Bristol Rd., ½ block turn L onto Stuckert Rd., ½ mile to farm on R. Ordered by James L. Love. Ralph W. Zettlemoyer Auction Co., Inc.

MON. FEB. 7 - 3PM, Antiques, Collectibles & Household Goods. Located Brickerville Firehall. Auct. For Esther Weaver & Elwood Detomble. E.M. Murry Assoc. Aucts.

MON. FEB. 7 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

TUES. FEB. 8 - 8:30AM, Public Sale Of Horses, Farm Equipment, And Household Goods. Located At 344 Hess Road, Leola, Pa. Sale By Ben S. Stoltzfus. Mel Hoover, Auct.

TUES. FEB. 8 - 6PM, Valuable Real Estate. Located 2590 Siegrist Rd., Ronks. Take Rt. 340 East To Smoketown Turn Right Onto Rt. 896. (Eastbrook Road) To Siegrist Rd. Turn Left To Property On Right. Terms By, Clyde R. & Tara L. Graybill. Randal V. Kline, Lloyd Kreider & Roy Good, Jr., Auct.

FRI. FEB. 11 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. FEB. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. FEB. 12 - Farm Machinery And Personal Property. Location: From Reading Take 222N To Village Of Kirbyville Turn Right Onto Richmond Road To Walnutstown Road, Turn Right On Farm On Right. Terms By, Mrs. Amos Martin. Kline, Kreider & Good Aucts.

SAT. FEB. 12 - 9AM, Antique & Collectible Consignment Auction. Located Dwight D. Miller Auct Center, Bethel, Pa. Now Taking Consignments. Dwight D. Miller, Auct.

SAT. FEB. 12 - 10AM, 100 Head Of Mules & Horses. Located At 2008 Horseshoe Rd., Lanc. Pa., Lanc. Silo Co. Owner Paul Smucker. Diffenbach's Auct.

SAT. FEB. 12 - 10:30AM, Cat., Truck & Farm Machinery And A Few Household Items. Located In Mifflin Co., 2 Miles North Of McVeytown, Pa., Or 12 Miles West Of Burnham, Pa. (Off Route 322) Along Ferguson Valley Road. Joe & Trudy Hartzler. Mark Glick, Auct.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. FEB. 12 - 10AM, Charles & Wayne Reinmeyer Potato Farming Equipment Auction. Located Shrewsbury (York Co.), Pa. Pirrung Aucts., Inc. Wayland, New York, 716-728-2520.

MON. FEB. 14 - 10AM, Johnson Farms Complete Liquidation Of All Modern Potato Farm Machinery. Located Deerfield, New Jersey. Pirrung Aucts. Inc. Wayland, New York, 716-728-2520.

TUE. FEB. 15 - Full Line Of Farm Machinery, Holstein Heifers, Draft Horses. Located Spring Garden, Lanc. Co., Pa. Owners, Daniel & Elizabeth Stoltzfus. Petersheim Aucts.

TUE. FEB. 15 - Farm Machinery. Located From Lancaster Route 222 N To Brownstown Exit Turn Right On 772 To Light, Turn Right On To 272 N To Church St. Turn Right To Metzler Road Turn Left 2nd Farm On Right. Terms By, John R. and Esther Z. Hoover. Kline, Kreider & Good, Aucts.

TUE. FEB. 15 - 9AM, Hi-Quality Holstein Hfrs., Horses, Farm Equipment. Located Along Route 772, 3 Mile West Of Intercourse, Just North Of Mascot (Resslers Mill), Lanc. Co., Pa. Owner, Omar Fisher. Diffenbach's Auct.

THURS. FEB. 17 - Farm Machinery, 3 John Deere Tractors, Tillage And Forage Equipment. Located Churchtown, Lanc. Co., Pa. Owners, Amos & Elaine Martin. Petersheim, Aucts.

FRI. FEB. 18 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. FEB. 19 - Complete Farm Machinery Dispersal Of Pen-Col Farms. Located 1 Mile E. Of Millville, Pa. Conducted By Fraley Auction Co.

SAT. FEB. 19 - Farm Machinery & Personal Property. Located 322 W. Of Blue Ball Approx. 1 Mile On The Right. Terms By, Reuben Z. & Edna M. Nolt. Kline, Kreider & Good Aucts.

SAT. FEB. 19 - 9AM, Dairy Heifers, Horses, Large Line Of Farm Equipment. Located From Rt. Waldorf, Md., Take Route 5 South To Charlotte Hall- New Market, Turn West On Rt. 236 1½ Miles To Woodburn Hill Road Left 2 Mile To Sale, St. Mary's Co. Md. Owner, Joseph S. Stoltzfus. Diffenbachs, Aucts. 225L.

SAT. FEB. 19 - 10AM Cranbury, New Jersey, Ace Davison Farm Machinery Auction, Pirrung Aucts., Inc. 716-728-2520.

SAT. FEB. 19 - 1PM Estate Auction Lykens Valley Farm, 100 acres, more or less. Auction sign at Waver Road, between Elizabethville and Berrysburg (Route 225) in Washington Township, Dauphin Co., Pa. 30 miles N. of Harrisburg. Estate of Harry E. Weaver, Sr. Mike, George Deibert, aucts.

MON. FEB. 21 - 10AM New Egypt, New Jersey, The Estate of Victor VanHise Auction, of Tractors, Implements, and tools. Pirrung Aucts., Inc. 716-728-2520.

TUES. FEB. 22 - 9AM, Farm Equipment. Edwin Horning & Sons Public Sale Located Along Meadow Valley Road, Between Ephrata & Rothsville, Lanc. Co., Ephrata Twp., Pa. Blaine Rentzel, Ed Goodrich & Joe Brown, Aucts.

THURS. FEB. 24 & FRI. FEB. 25, Beiler's Spring Auction. New, Used & Abused Farm Machinery & Antique Tractors & Parts. Located Between Lancaster And New Holland At 601 Musser School Road, Leola. Robert E. Martin & Sons, Blaine Rentzel Aucts.

FRI. FEB. 25 - 9AM Farm Machinery, House Goods, Loc: App. 11 mi. So. of Lancaster off Rt. 272 left on Truce Rd. 2 miles to sale on right. Elam S. Allgyer. Kreider, Kline & Goods Aucts.

FRI. FEB. 25 - 9:30AM, Horses, Dairy Herd, Dairy Equip., And Farm Machinery. Located In Mifflin Co., 2½ Miles North Of Belleville, Pa., 1½ Miles East Off Route 305. David B. & Dorothy Kanagy. Mark Glick, Aucts.

FRI. FEB. 25 - 10:30AM (Blizzard Date Tues., Mar. 1st) Waterloo, New York. Mr. and Mrs. Jack Kuney Complete Farm Dispersal, 124 Registered and Grade Holsteins all calfhood vaccinated (DHI RHA 19,053M 3.6 Fat 3.3 Protein) Plus All Machinery! Pirrung Auct. Inc. 716-728-2520.

FRI. FEB. 25 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. FEB. 26 - 2PM Real estate, 2½ story, 4 BR home w/30x90 shop. Location: From Blue Ball Rt. 23 East approx. 2 miles turn right on Fetterville Rd. to first property on right corner of Fetterville Road and Frogtown Road. Terms by: Melvin and Vera Weaver, Marvin and Miriam Weaver. Kline, Kreider, Good aucts.

PUBLIC AUCTION

VALUABLE REAL ESTATE

(East Lampeter Township)

TUESDAY, FEBRUARY 8, 1994

6 P.M.

LOCATION: 2590 Siegrist Road, Ronks. Take Rt. 340 East to Smoketown turn right onto Rt. 896 (Eastbrook Road) to Siegrist Rd. turn left to property on right. Custom-Style 4 bdrm., Split Level Home with 3½ baths, In-Law Quarters, 20'x30' horse barn, shop and 2 car garage. For picture brochure, details, and terms, Call Auctioneers #717-733-1006.

Open House- Jan. 22, 29, & Feb. 5 from 1 to 4 P.M.

***Owners relocating & Property Must Be Sold!**

Terms By:

CLYDE R. & TARA L. GRAYBILL

#399-3090

Auction Conducted By:
Randal V. Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
Lic. ##499L #717-733-1006

KLINE, KREIDER, & GOOD

AUCTIONEERS

PUBLIC SALE

OF FINE ANTIQUES - FRAKTURS GLASSWARE & CHINA, JEWELRY - CHILDREN'S BOOKS, HOUSEHOLD GOODS, FISHING EQUIP. - TOOLS

SAT., JAN. 15, 1994

AT 9:00 A.M.

Loc. 128 East James Street, Lancaster, PA.

Sale By:

VERNA AULT ESTATE

Robert M. Going, Esquire
Howard Shaub, Inc. (717) 464-3541
Auctioneer (AU-000831-L)
Food served.

3rd Annual Whitley Co. Antique Tractor AUCTION

Columbia City, In.

Sat. March 26, 1994

9:00 A.M.

****Expecting 150 Tractors****

Consignments Welcome
Advertising Deadline Jan. 10

Auction KING Service
P.O. Box 522
South Whitley, In. 46787
Ph. 219-723-4378

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS & TOOLS

SAT., JANUARY 8, 1994

Sale At 9:00 A.M.

Sale to be held in former Reinholds Elementary School Banquet Hall, Rt. 897, Village of Reinholds, W. Cocalico Twp.

Bedroom Suite; Bureau; Coffee & End Tables; Player Piano & Rolls; Wardrobe; Dresser; Patio Set; Stereo; Upholstered Chairs; Wooden & Metal Cabinets; Quilting Frame; High Chair; Bar Stools; Porch Swing; Microwave Oven; Plank Bottom Rocker; Marble Top; School Desks.

DOUBLE DASH ONE HORSE SLEIGH

METLOCK STEINS; 16" #1247; 14" #2085; 19" #1690; Avon Steins; American Flyer Train Set; Tracks & Accessories; Red Hess Fire Truck; Toys; Berwin, Simplex Typewriters.

GRUBER WHEELBARROW & CHILD'S WAGON (Repro., Nice); Antique Car Clothes Tree; Copper Church Light.

Craftsman 6" Jointer; Wallace 10" Jointer; Rockwell Drill & Bits; Torch; Saber Saw; Brace & Bits; Folding Rule; C-Clamps; Vise; Leg Vise; Brace Plumb Bobs; Hand Saws; Lead Pot; Wood Planes; SLICKS- Weatherby, Crossman, Beatty, Brady.

HAHN ECLIPSE SNOW BLOWER

COINS - Silver Dollars, Half Dollars, Steel Pennies, Wheat Pennies, V-Nickels, Paper Money-USSR, France, Germany, Brazil.

TERMS BY:

AGENT FOR OWNERS

Auctioneer
Art Pannebecker
AU-001476-L
717-336-6983

DEALER Auction

9:30 A.M. Sharp
Saturday, January 15, 1994

Mayer Farm Equipment, Inc.

Wilmington, Ohio

Sale Site: Mayer Farm Equipment - 4 Miles North Of Wilmington At Interstate 71 & Hwy. 68 Interchange

Auction Conducted By Gehling Auction Co., Inc.
(513) 382-5717 (614) 426-6307
Fax # (513) 382-5799 Call For An Auction Bill
Auction Conducted By Gehling Auction Co., Inc. (507) 765-2131

TRACTORS
AGCO Allis 4660, 9170
Deutz 6240, 6206
Deutz DX160, 8006
AC 6140, 7080, 6080, 7580, (2) 200's, (2) 175's
MF2805, 255, 65
JD 4440, 4240, 4430, 8630, 2030, 2520, 4020, 4020, 4010, 3010, JD 410 Backhoe
Ford TW35, MFWD, 4,000 SU w/Cab
4500 Loader Tractor, 861, 640 w/Loader, 8N
IH 1086, 1086, 1066, 1,400 Hrs., 1256, 656, 400 w/NI 319 Picker, 574, 666, 986
C w/Woods Mower
White 2-135 • Case 2670
Oliver 880
Fordson On Hard Rubber

COMBINES
Gleaner R-50, 1991, R50, 1990, M3 1987, L2 1982, F2 1981, F3, 1984, L3, F2, L2, F2, L2, F2, M2, F2, M2, F2, K2, M2, F2, M2, F-Hydro, F, K, E III, F, G
JD 4420, 6600, 3300
MF 550, 750, 300
IH 715 1978, 715 1976, 205
Ford 642 Diesel

PLATFORMS
Gleaner A-320, LM 322, 320, 318, 315, F313, LM Series III 13', 20' Wobble Box, F 13', 15' Wobble Box, K2 13' Series II Wobble Box, F 13', 16', 16' Rigid
JD 924 Flex, JD 215 Flex, 213 Flex
MF 1859, 13', 15', 20' w/FCB

CORN HEADS
Gleaner R 438 Hugger, A-LM 830, A-FG 630, A-LM 430, A-FG 430 (1) 1986 Model, N-630 Fits R, N-630
JD 643 Low Tin, 444, 343
IH 863, 844, 843, 883
MF 1163, 83, 63, 44, 43, 33
NH 962 N6, White 704N, NI 744W

TILLAGE EQUIPMENT
Deutz-Allis 11-Shank Disk Chisel
Deutz-Allis 13-Shank
Brillion 11-Shank
Glencoe 7400, 11-Shank
DMI 9-Shank Turbo Champ
White & Bush Hog 9-Shank
Glencoe 22' Soil Finisher
JD 900, 7-Shank V-Ripper
Brillion 7-Shank V-Ripper
JD 9-Shank Pull-Type Chisel Plow
IH 496 25' Disk

TILLAGE EQUIPMENT
IH 490, 21'7" & 23'7" Disk w/Harrow
AC 2500 18' Disk, Reconditioned
AC 2500, 20' Center Fold Disk
JD 210 13' Disk
White 252 18' Disk
Bush Hog 13', 18', 19' Disk
Kewanee 10' Disk, Like New
AC 1300 29½ ' Field Cult.
AC 1300 23½ ' Field Cult.
AC 1200 18' Field Cult.
AC 1200 16' Field Cult.
IH 45 Vibra-Shank 18' Field Cult.
JD 1100 18½ ' Field Cult.
Hiniker 48' Field Cult.
Harrowgator, 24' Hyd. Fold
Harrowgators, 12', 16' & 20'
Dunham Lehr 25' Flat Fold Mulcher
IH & Brillion 15' Cultimulchers
Parker 15' Disk Mulcher
JD 3200 6-Btm • JD 2500 7-Btm.
JD 2600 & 2800 5-Btm.
JD 1350-1450, 5x16 & 4x16
IH 700, 7x18, ASR, Pull-Type w/Add. On Btm.
IH 700, 7x28 ASR, Pull
IH 700, 7x18 Pull
(2) IH 720, 5x16 • AC 6x16 Plow
IH 720, 5x16
(2) IH 720, 4x18
(2) MF 880, 6x16
JD 85, 8-Row & 12-Row 30"
JD FM 12-Row 30"
JD RM 8-Row 30"
JD 6- & 4-Row Cult.
8-Row 30" Danish-Tine
IH 153, 8-Row & 12-Row 30"
(2) Lilliston 6-Row 30"
JD 400, 12-Row Rotary Hoe
(2) JD 400, 15' Rotary Hoe

PLANTERS & DRILLS
JD 7200, 4-Row, No-Till Coulters
JD 7200, Air, 12-Row 30", Flex Fold
JD 7000, 16-Row 30", Liq. Fert., No-Till Coulters, Monitor
JD 7000, 6-Row & 12-Row 30"
(3) JD 7000, 4-R, Liq. & Dry Fert., No-Till Coulters, Monitor
Kinze 6-Row 30" w/3-Row Splitter, Liq. Fert., No-Till Coulters, Monitor
(2) AC 600, 4-Row, Dry & Liq. Fert., No-Till
White 5100, 4-Row
AC 24', 3 Pt., Tool Bar
(5) Kinze Black Planter Unit
Case IH 5200, 15' Drill w/Yetter, No-Till Caddy, Like New

PLANTERS & DRILLS
(2) IH 510 21x7 Drills, Rubber Press On 2-Drill Hitch
IH 620 15' Drill w/GS, Rubber Press
JD 8300 16x10 Drill
Tye 15' No-Till Drill

HAY & FORAGE EQUIPMENT
NH 849 Baler w/Auto. Wrap
NH 850 & 851 Balers
NH 269 & 489 Balers
JD 346 Baler, Wire Tie
NH 489 Haybine
Hesston 1070 Mower Cond.
JD 1209 Mower Conditioner
NI 272 7' Cutditioner
JD 480 Mower Conditioner
Deutz-Allis KS 150 Rake
NH 256 Rake w/Dolly Wheel

MISCELLANEOUS EQUIPMENT
100 Metal Parts Bins & Large Selection Of Service Manuals - Parts
Manuals - Owners Manuals Will Be On Display & Sold Throughout The Day.
Deutz-Allis 425 & 435 Loader, Fits DA & MF
Long 3 Pt. Backhoe • JD 146 Loader
IH 950 Mixer Mill • Clay Honey Wagon
NH 353 Mixer, Scale, Long Unload Auger
NH 513 Spreader w/Top Beater
JD 734 Highboy Sprayer w/Hyd. Booms
AG Chem 500 Gal. Saddle Tanks w/Hyd. Pump, JD 8600 Mts.
NI 325 2RN Picker
M & W 2000, 400 HP, Dino
1,000 Gal. Anhydrous Tank On Gear
JD 201, 30' Implement Trailer
Donahue 28' Implement Trailer
AC 30' 3 Pt. Tool Bar • 3 Pt. Log Splitter

FORKLIFTS
Yale 8000 Pound, LP, Automatic
Yale 5000 Pound, LP, Automatic
Clark 2000 Pound, Gas

TRUCKS, TRAILERS & PICKUPS
1990 Ford F450 Super Duty w/Landoll 17'x8½ ' Alum. Roll Back Bed w/Winch
1989 Haulette 27'x8½ ' Tandem Axle, Dual Wheel Trailer
1984 Landell 360, 48'x8½ ' Double Drop Trailer, Air Ride, Pull Out Outriggers to 12½ '
1989 Chevrolet C10 Pickup, 305, Automatic, Air
1985 Chevrolet Suburban, 350
1980 GMC Brig. w/Cassens & 26' B & W
1976 Chevrolet C65 w/14' Box & Hoist
1968 Intl. 1800 Truck, Air Brakes, w/16' Flatbed

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

MEL'S STABLE

SELECTED CONSIGNMENT

HORSE SALE

SAT., JANUARY 15, 1994 - 10:30 A.M.

HORSES HITCHED AT 8:30 A.M. SHARP
SALE HELD AT 834 WALLACE RD., NEW HOLLAND, PA.
DIRECTIONS: FROM RT. 23 IN NEW HOLLAND, GO SOUTH ON BRIMMER AVE., GO 2 MILES SOUTH ON NEW HOLLAND ROAD TO HILL RD. TURN LEFT ON HILL RD. PROCEED 1.2 MILES TO SALE ON THE LEFT. FROM RT. 340 EAST OF INTERCOURSE TAKE NEW HOLLAND RD., 2.6 MILES TO HILL RD., RIGHT ON HILL RD. TO SALE ON LEFT.

APPROX. 55 HEAD OF SADDLEBREDS
APPROX. 55 HEAD OF STANDARDBREDS

1 LOAD OF REAL TOP SADDLEBREDS FROM MEL HOOVER.
1 LOAD OF SADDLEBREDS FROM JACOB ZOOK.
1 LOAD OF SADDLEBREDS FROM CHRIST Z. STOLTZFUS.
1 LOAD OF STANDARDBREDS FROM JONAS BEILER.
1 LOAD OF STANDARDBREDS FROM NOAH HORST.
1 LOAD OF STANDARDBREDS FROM ELAM STOLTZFUS.
Approx. 20 Head Of Real Outstanding Horses Acclimated And Ready To Go.

20 HEAD REAL TOP ACCLIMATED HORSES READY FOR THE ROAD.

PLUS MANY MORE HAND PICKED TOP QUALITY HORSES!!
DON'T MISS THIS SALE!!! IF YOU ARE IN NEED OF A HORSE, COME AND FIND THAT SPECIAL HORSE.

Come and drive them yourself. Barn open on Thurs., Jan. 13 and Fri., Jan. 14 from 9:00 A.M. till dark.

MEL'S STABLE
OWNER - MEL HOOVER

PHONE - HOME- 717-354-8397
BARN- 717-354-8431
AUCTS. MEL HOOVER AU003111L
NOT RESPONSIBLE FOR ACCIDENTS

FOOD ON PREMISES
WORK HORSE & MULE SALE - JAN. 22

PUBLIC AUCTION

INT. TRUCK; TRACTORS FARM EQUIP; HAY

Friday, January 7, 1994
At 10 A.M.

Travel South on Rt. 662 to Yellow House. Proceed 1 mile Right onto Weavertown Lane 1/2 mile right onto Weavertown Rd. 1 block left onto Amity Park Rd. 1/2 mile to farm on Right or North on Rt. 662 to Amityville left onto Weavertown Rd. proceed 1 mile left onto Amity Park Rd. to farm on right, Berks Co., PA.

Truck

1965 Int 1700 Loadstar Truck w/12' Midwest Grain dump body & 5 spd - 2 spd rear.

Tractors

JD 4000 (D) w/3 pt & pwr shift; Int 674 (G) w/3 pt, roof & 2500 hrs; Int. 340 (G) w/No. 34 loader; Farmall 300 w/TA, live PTO & F.H.; Farmall M w/PowrPack.

Tillage Equip.

Int. #55 9 tooth 3 pt chisel pl; JD 3 pt 4 btm hyd reset pl; Int. F.H. 3 bt pl; Int 370 11' trans disc; Int 8' trans disc; Int 8' & 9' drag discs; Int 315 12' roller harrow; Chatt & Brillion 11' & 9' S. Roll cultipackers.

Haying & Forage Equip.

N.H. 488 haybine; Pequea Tedder; JD 660 rake; N.H. 5 bar rake; NH 310 baler w/ thrower; 2 metal & 1 wdn 8'x18' & 8'x16' bale side wagons; 3 4 whl 14' farm wagons; Hub 30' bale elev; Int 100 mower; NH 718 2 R. wide forage har; NH 36 flail chopper; JD 125 & Gehl forage wagons; NH Super 23 F. blower; Int. table F. blower.

Planting & Other Equip.

AC 333 No Till Corn Planter w/Dry Fertil; Int. F.H. 2 R c planter; JD 15 single disc grain drill; NI 323 1 r c picker w/6 roll bed; 2 r rotary hoe; Int. F.H. 4 r cultipacker; Century 200 gal. sprayer w/pump; 2 NH & 1 McC bin wagons; 75 bu transport auger wagon; Int 540 PTO manure spreader; NI 17 manure spreader; Fidelity 30 KW alternator; JD port air comp; cattle dehorner; 10 milk cans.
20 ton clover & alfalfa hay.
Plus other items too numerous to mention.

Terms — Cash or Check
Refreshments Available

Ordered By:
Russell & Patricia Haas

P.O. Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION INC.

SAT. FEB. 26 - Machinery, Farm Items & Household, Etc. Owner, Robert Lichtenberger. Kevin Wickard, Auct.

MON. FEB. 28 - 11AM (Blizzard Date Wed., Mar. 2nd) Clyde, New York. Paul Martin Auction of all like new Vegetable Farm Equip. and Irrigation Systems. Pirrung Aucts., Inc. 716-728-2520.

MARCH

WED. MAR. 2 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. MAR. 3 - 9AM, Household, Antiques, Farm Machinery & Mules. Located In Centre Co., ¼ Mile West Of Rebersburg, Pa., Off Route 192. Owner, Mel Stoltzfus. Mark Glick & Robert Martin, Aucts.

FRI. MAR. 4 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. MAR. 5 - Complete Farm Dispersal, 7 Tractors, 2 Crawlers, Full Line Modern Machinery, Dairy Equipment, Etc. Located On Farm 6 Miles SE Of Lock Haven, Pa. Near Rote. Owners, Harris & Betty Weaver. Conducted By Fraley Auction Co.

SAT. MAR. 5 - Farm Machinery & Personal Property. Located 628 Rexmont Rd., Lebanon. Mr. & Mrs. Wayne Patches. Kline, Kreider & Good Aucts.

SAT. MAR. 5 - Real Estate, Antiques & Household Goods. Located 410 Mt. Sydney Rd., Witmer. Owner, Rebecca Hostetler. Nevin Martin & Sons, Auct.

SAT. MAR. 5 - 8:30AM, Bart Township Fire Co. 1st All Day Sale. Located 6 Miles SE Of Strasburg Along Route 896 In The Village Of Georgetown.

MON. MAR. 7 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

TUES. MAR. 8 - 9AM Farm machinery. Loc. 1428 Lime Valley Rd., Lanc., Pa. Kreider, Kline & Good aucts.

FRI. MAR. 11 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. MAR. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. MAR. 12 - Fraley's Auction Spring Farm Machinery Consignment Sale. Located At Our Farm 3 Miles E. Of Muncy Along Kepner Hill Road. Conducted By Fraley Auction Co.

SAT. MAR. 12 - 9AM Farm machinery. Loc: App. 11 mi. So. of Lancaster off Rt. 272 right (West) on Truce Rd. app. 2½ mi. to farm on left. Terms by Fred C. Handel. Kreider, Kline & Good Aucts.

SAT. MAR. 12 - 9AM, Early Spring Consignment Auction. Located Your Auto Auction, 7 Miles North Of The City Of Lebanon On Rt. 72, Turn Right On Jonestown Road (Old Rt. 22) Go 1/2 Mile To Auction Site On Left. Auction Conducted By: Your Auto Auction Aucts. & Nelson L. Ebersole & Roger Myers.

SAT. MAR. 12 - Farm Machinery. Located From Ephrata Route 272 North, Turn Right At Eckert Signs Onto Wabash Road To Farm On Right. Owner, Earl R. Martin. Kline, Kreider & Good, Aucts.

FRI. MAR. 18 - 10AM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. MAR. 19 - Farm Machinery & Personal Property. Located Durlach Hill Road, Ephrata, Pa. Mr. & Mrs. Ray P. Bollinger. Kline, Kreider & Good Aucts.

Dairy and Livestock Sales

Green Dragon
Livestock Sales
Located 1 Mi. N. On
North State St., Ephrata
Sale Every Friday

11:00 A.M. Beef
7:00 P.M. Small Animal Sale.
200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

OUTSTANDING ANTIQUE AUCTION

OF VALUABLE ANTIQUE FURNITURE - ORIENTAL RUGS - ANTIQUE GLASSWARE - COLLECTIBLES, ETC.

ON: FRIDAY, JANUARY 7, 1994
AT 9 A.M.

At Springetts Fire Co. Social Hall, 3013 East Market St., York, Pa. The following to be sold from the home of Marion M. Hogan of Wrightsville, Pa., Russell & Edna Thompson of York, Pa. and others.

ANTIQUE FURNITURE

Large ornate carved hall mirror, marble top cottage bureau, antique post bed, large knock down wardrobe, Inlaid Empire chest of drawers, ant. couch, server, marble top stand, 2 Victoria sofas, hanging pie safe, tilt top stand, Victorian side chairs, leather trunk, marble stand, Waters New York pump organ, drum table, marble top server, mahogany dining room suite, inlaid wall stand, ball & claw foot stand, Victorian platform rocker, foot stool, clothes tree, mahogany bedroom suite, rocker, large wardrobe, miniature Empire chest of drawers, camel back trunk.

ANTIQUE GLASSWARE

Approx. 55 pcs. of carnival glass in Butterfly & Berry, Diamond Lace, Basket weave & cable, Firecut & Roses, Holly, Fruit & Flower, Coin Dot, Cherry chains, vintage leaf, Open Rose, Blackberry Spray, etc. etc. in bowls, vases, pitchers, baskets, tumblers, etc. Flo Blue plates, cups & saucers, pitchers, creamer (nice), candy containers, cut & pressed glass in goblets, wines, vases, bowls, salts, etc., punch bowl, chicken on nests, Asst. glass baskets, opalescent, old wedgewood pcs., 2 fancy urns, Bavarian water set, Austria bowl, Asst. antique glassware, decorated 2 gal. P.S. Co. crock, decorated 2 gal. Lewport, Pa. crock, Cowden & Wilcox decorated crock, 3 gal. New Brighton decorated crock, epergne, 14 double vine plates, Asst. pcs. Star & Thistle.

ORIENTAL RUGS

Semi-antique Kashan rug 10'8"x14'6", Hamadan rug 6'5"x8'6", Old Lillihan rug 3'3"x4'2", Hamadan rug 3'3"x6'1", Bluchistan Prayer rug 2'3"x3'9", Shirvan rug, 4'x5'2", Kurdish Bug Face rug 2'x2'6".

GENERAL ANTIQUES

Approx. 50 Asst. Ice cream & candy molds, pocket knives, old Almanacs, old books & ledgers, old calling card book, 2 Ernest Zimmerman Game Paintings, Ernest Zimmerman still "Grapes", service for 8 Sterling flatware, spoon collection (many sterling), quilts, copper candy kettles, brass bucket, organ lamp, swirl glass kerosene lamp base, yarn winder, mantle clock, ant. picture frames, old games, old linens, Early magazines, old sled, sterling compote, old pump, 22 Bolt action rifle, Single shot shotgun, old Stevens breech load pistol, Model 1911 U.S. Army Colt 45, plus many other articles too numerous to mention. Not responsible for accidents on day of auction. Good Parking - Good Refreshments.

TERMS: Cash or personal check with auctioneer approval. No out of town or out of state checks.

PREVIEW: Thurs. Jan. 6, 6:30 P.M. to 8 P.M. and 1 Hr. prior to auction.

YORK BANK & TRUST CO.
Trustee and P.O.A. for
Marion M. Hogan
Thomas Shorb, Atty.

Jacob A. Gilbert, Lic. #336
Brian L. Gilbert, Lic. #2256
Auctioneers
Tel. (717) 252-1656 or 252-3591

PUBLIC AUCTION

Of Antique Farm Implements & Tools

On Saturday, January 15, 1994
At 9:00 A.M. SHARP!!

Selling the collection of the late Elmer (Sonny) Reed, Jr. for his children, 2100B Jobstown-Jacksonville Rd., Jobstown, NJ 08041. Mr. Reed has been collecting for over 30 years. DIRECTIONS: NJ Turnpike Exit 7 - 206 South - 3rd light - Left (WAWA). CARS: 1931 Model A 4 door; 1946 Pontiac Sedan Coupe. **HORSE DRAWN EQUIPMENT:** Buckboard buggy; Amish carriage; Meadowbrook cart; pony carts; farm wgns; iron whl farm wgn; 4-sleds; dump cart; 2-market wgns; restored milk wgn; early 1900 manure spdr (4 wooden whls); 30 plus walking plows; many tillage equip; manure drags (wood & iron); grain drill; reaper; 2-road scrapers; riding plow; 3-rollers (1 all wood); 6' Superior grain drill; NI mower; 3' Champion mower; Mountainville (eagle) corn planter; MH corn planter; rotary mower; corn planter & seeder (blue paint); collection scrapers & scoops. **GAS ENGINES:** NH 5 hp; Ideal 2½ hp (upright); Witte 2 hp; McCormick Deering 1½ hp; New Way (air cooled); JD 2hp?; Fairbanks Morris 2 hp; Western Malleable & Grey Iron Mfg co 6hp?; IH 4hp. **TRACTORS:** 194? Silver King; 3-F12 (1 on spokes); 10-20 McCormick Deering; Moline Universal front whl drive; MH 33. **MISCELLANEOUS:** 1939 fenders, head lights, hood, running boards; old vises; old garden seeder & harrow; pony harness; misc harness; old corn shellers; (1&2 hole); dog & goat treadmill (made in Trenton); collection hay forks (single & double); many hay knives; 2-wooden washing machines; lot hay trolleys; cast iron seats; wood egg crates; old feed grinder; Singer sewing machine; many (one of kind) cutter; (all sizes); railroad wgn; grain cleaners; horse shafts; collection milk strainers & buckets; milk cans; milk aerator; DeLaval milking equip; old wrenches & tools; wooden rakes & forks; clam rake; sm Favorite thrashing machine (on whls); wood whl fert drill; many old tool chests; one horse sweep; JD manure spdr w/wood chain; wood whl cult. (very old); 1928 Model A engine; wood whl hay kicker; collection hog oilers Whippet car chassis w/hub caps; root & turnip cutters; sm. stationary blue potato planters; cast iron kettles; lard kettle stove; 2-iron whl dump carts; apple presses; wood whl hand dump cart; blacksmith forge; bag scales; 1852 Thomas & Could tube sheller (nice); harness clamps; bone grinders; core grinders; wooden hand pump; 2-blueberry cleaners; egg baskets; Army saddle; Model A whls; wood stove; dehorners; galvanize roof tin; hay elevator; NI manure spdr; 3 pth cult; 3 pth 2 bottom plow; 8' cut harrow; 13' 3 pth weeder NH mower; 3 pth scoop; 210 JD riding mower; 140 JD riding mower. Many other articles too numerous to mention.

Seller or Auctioneer are not responsible for theft, injury or accident of any kind on sale premises.

TERMS: CASH OR GOOD CHECK

Sale Manager - Norman Parker
(609) 758-8603

Auctioneer - Lee Parker
(609) 723-2010

TWO AUCTIONEERS WILL BE SELLING

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. MAR. 19 - 8:30AM, Bart Township Fire Co. 2nd Sale Building Materials. Located 6 Miles SE Of Strasburg Along Rt. 896 In The Village Of Georgetown.

SAT. MAR. 19 - 9AM, Public Sale Of Farm Equipment And Household Goods. Located At 428 Wissler Road, New Holland, Pa. Owner, Esther & Franklin N. Hoover. Mel Hoover, Auct.

SAT. MAR. 19 - 9AM, 30th Annual Spring Sale, Kempton Community Center, Northern Berks Co. Farm Equipment, Tractors, Trucks, Lawn & Garden. 15 Auctioneers. For More Information Call 215-756-6973.

THURS. MAR. 24 - 10AM, Easter Lamb Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. MAR 25 - 9 AM Farm Machinery. Loc: Esbenshade Rd. Ronks, Pa. Kreider, Kline & Good Aucts

FRI MAR. 25 - 9AM, Easter Rabbit, Poultry And Fowl Sale. Located At Carlisle Livestock Mkt Inc. Exit 12 South Off I-81, Left Onto Alexander Spring Road. (717) 249-4511. Receiving 7 Until 9 AM.

FRI. MAR 25 - 12:30PM, Easter Goat And Lamb Sale. Located At Carlisle Livestock Market, Inc. Exit 12 Off I-81; Turn South Then Left Onto Alexander Spring Road. (717) 249-4511. Receiving 7 Until 11:00 AM.

SAT. MAR. 26 - Real Estate 8¾ A. Farmette. Located 1615 Kramer Hill Road, Denver, Pa. Mr & Mrs. Noah Horst. Kline, Kreider & Good Aucts.

SAT. MAR. 26 - 9AM Real Estate, house goods Loc 8 North Lime St, Quarryville, Pa. Take Rt. 222 So. of Lancaster into Quarryville turn left on Lime St. Terms by Joyce Rintz. Kreider, Kline & Good.

SAT. MAR. 26 - 56 Acre Farm w/7 Room Sandstone Dwelling, Also Nice Line Of Antiques Etc. Located Next To Michters Distillery South Of Schaefferstown, Leb. Co. Owner, Mrs. Alvin Doster G. Harvey Weik, Auct

SAT. MAR. 26 - Show Burst I, 50 Registered Show Age Heifers, From Some Of The Best Breeders In NE Pa. Located At Fraley Farms, 3 Miles E. Of Muncy. Call For Consignments. Conducted By Fraley Auction Co.

SAT. MAR. 26 - 9AM, 3rd Annual Whitley Co. Antique Tractor Auction. Located Columbia City, In. Auction King Service.

TUES. MAR. 29 - 9AM, Quilt, Craft, & Buggies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. MAR. 30 - 9AM, Quilt & Craft. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. MAR. 31 - Farm Machinery. Located Oxford, Chester Co., Pa. Owner, Glenn Fresse. Petersheim Aucts.

THURS. MAR. 31 - 10AM, Easter Lamb Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

THURS. MAR. 31 - 1:30PM, (Due To Easter Lamb & Goat Sale). State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

APRIL

SAT. APR. 2 - 9 AM Antiques, household goods, tools, 177 Smithville Rd., New Providence, Pa. Take Rt. 272 from Lanc. 7 miles, turn left on Byerland Church Rd., 1 mile to sale. Terms by Harry Denlinger. Kreider, Kline & Good aucts

MON. APR. 4 - 6:30PM, Wholesale Furniture. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa 17557. Alan Diffenbach Auct.

AUCTION
SATURDAY, JAN. 8,
11 A.M.
Mansfield, PA.
Turn North on River Road off Rt. 6 (at Farmer In The Dell Restaurant). Go 3 miles to Powers Drive.

SELLING: Silo scaffold (for erecting silos 14' to 24' in diameter), low pressure cement pump for silo work, Int. 7000 forklift (14' mast, diesel eng.), 1977 Dodge 800 truck tractor w/Cat eng. & 10-speed Roadranger, 1966 Dodge D-100 pickup (new overhaul & inspection), 1970 Dodge 4x4 pickup (needs work), fifth wheel lowboy trailer (old), Duty 48' Hotshot trailer, Brown 40' flatbed trailer, Fruehauf 38' flatbed trailer, 20' trailer w/ fifth wheel hookup, Air Ride axle for 15" rubber, gas powered power washer, drill press, Lincoln Elec. welder, air compressor, quan. of hand tools, etc.

ALSO SELLING: New Silo blocks, used silo blocks, new & used silo hoops, etc.

RIVER ROAD SILO CO.
ROBERT POWERS ESTATE
Managed & Sold by:
Dick Crittenden Auction Co.
Mansfield, PA 16933-9763
717-662-3131 Fax 717-662-2215
Lic. #RY-000026-L

CONESTOGA AUCTION COMPANY
PA HUNTING & FISHING LICENSE AUCTION
SATURDAY, JANUARY 15, 1994
STARTING AT 10:00 A.M.
PREVIEW FROM 8:00 A.M.

Over 450 Lots Including 1931 Alien Non-Resident - 1921 Special Issue - Other Special Issues - Special Deer 1920's & Up - Non-Residents From 1917 & Up - Numerous Doe Licenses — Large & Small Games News - Fishing Licenses - Hunting & Fishing Collectibles.

10% BUYER'S PREMIUM
CALL, FAX OR WRITE
FOR FREE CATALOG
CONESTOGA AUCTION COMPANY
PO BOX 1
MANHEIM, PA. 17545
PHCNE (717) 898-7284
FAX (717) 898-6628
RH-102-L
LOCATED AT: 768 GRAYSTONE ROAD
7 MILES N. OF LANCASTER, PA.

PUBLIC SALE
2½ STORY BRICK DWELLING
REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS
SAT., JANUARY 8, 1994
AT 9 A.M.
REAL ESTATE AT 1 P.M.
Located at 31-33 East Church St., Reamstown, Lancaster Co., PA.

2½ STORY BRICK DWELLING
(2 STAIRWAYS TO 2ND FLOOR & BASEMENT)

1ST FLOOR: 2 LIVING ROOMS, 2 KITCHENS, dining area, eat-in kitchen, laundry & ½ bath, enclosed porch.

2ND FLOOR: 4 BEDROOMS & full bath. Large storage attic.

2 STORY BARN & WORKSHOP. Space for 3 cars.

This home located in central area of Reamstown, rear yard next to Reamstown Park, 2 kitchens, Weil-McLain gas hot water heat - 2 zones), gas hot water heater.

Lot Size: 41.25' frontage & 313.50' depth - 12,950 sq. ft. M/L. Inspection call 717-738-4607.

FURNITURE

Jelly Cupboard; Victoria (Victor Talking Machine Co.); Sq. Oak Ext. Table; One Door Cupboard; Wood Boxes; Fainting Couch; Waterfall Dresser & Chifferobe; Desk; Piano; Cedar Chest; Porcelain Breakfast Set; Boston Rocker; One Drawer Stand; Pressed Back Oak Chairs.

APPLIANCES: Auto. Washer & Dryer; (Side by Side) Refrigerator; Freezer; Elec. Stove; Color TV; Sewing Machine; Sweeper; Oak Kitchen Chairs; Seller's Kitchen Cabinet Top; High Chair; Child's Chair; Cuckoo Clock; Mantel Clock; Frames; Set of Dog Pictures.

CHINA & GLASSWARE

Nippon Pressed & Pattern Glass; Amber Glass; Depression Glass; Agate Kettles; Alum. & S.S. Cookware; Silverware; Kerosene Bracket Lights w/ Reflectors.

LINENS: Fur Coats; Old Cameras; 78 RPM Records; Jewelry; Military Patches.

TOYS: Children's Books; Games; Lead Soldiers, Tank, Ships, Motorcycles; Guitar.

TOOLS: Snow Blower; Mower; Work Bench; Wooden Wheelbarrow; Wrenches; Hand Tools; Sleigh Bells; 1915 Auto License; 1926 Hunting License; Indoor Louver Shutters; Watering Cans; Pistol.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

Terms By:
JEAN V. KULP ESTATE
K.L. Shirk, Jr., Atty.

HORST AUCTS. AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3060
Fax # (717) 738-2132
*VOICES OF EXPERIENCE

PUBLIC SALE
SAT., JAN. 8th, 1994
9:00 A.M.
DAIRY FARM - FARM EQUIPMENT - CROPS - HORSES

Located 12 miles southwest of the Norman Wood Bridge. One mile north of Fawn Grove. Going west turn right off Route 851 at Fawn Grove Square, proceed one mile turn left onto Walnut Grove Road to Sale. One mile south of Gatchellville, along Brown Road. Fawn Twp. York Co., Penna.

REAL ESTATE

102 acre (more or less) Dairy and Crop Farm.

Eighty acres tillable. Balance Pasture and Woodland. Spring Fed Pond. Well. One-half tillable land contoured.

Two Dwellings - Seven room frame house, 1½ baths, slate roof. Second dwelling is a two apartment unit. Two baths, oil burning heating system, well and pressure system. Slate roof. Electric.

Fifty stanchion cow barn, with underground gravity flow pit. Box Stalls; Bull pen. Rubber mats.

Large Hay, straw and Implement storage area, on ground level second floor.

Corn Barn and implement shed; Two wire corn cribs. Bank barn with room for horses, heifers, and dry cows and storage. Metal implement Barn.

Two Concrete stave silos, 12'x65' and 18'x60' with two chutes. Milk House with 800 gallon Dari-Kool bulk tank. Free heater tank.

Lots of Road Frontage: Inspection anytime except Sunday. Real Estate Sold at 10:00 A.M.

Terms 10% Down Balance At Settlement and Possession on or Before March 1, 1994.

SAMUEL K. STOLZFOOS, Owner

Ken Covelens Atty.
Diffenbach Aucts. 717-393-4464

ALSO AT SAME TIME AND PLACE
HORSES

Eight head of Work Horses. One Pair Sorrel Horses; One pair Roan Horses; Six year old sorrel horse; Seven yr. old sorrel Mare; Two sorrel work Horses. All well broke and sound.

FARM EQUIPMENT

Farmall "460" gas tractor with expanded Metal wheels; New Holland #273 Baler with Wisconsin 2 cyl. engine; New Idea #323 corn picker with 4 cyl. Wisconsin engine; Papec 16" ensilage cutter, also one for parts; Brady 5' stalk chopper with A.C. power unit; Pequea manure spreader, just overhauled; E.S. liquid manure spreader; John Deere #999 corn planter with plateless units and fertilizer hoppers, used one season;

MCD #9 7' trailer gear mower; New Holland #401 Crimper; John Deere #640 hay rake with dolly wheel; Little Giant 32' elevator; three steel wheel wagons, 16' beds, two with Pequea gears;

White Horse 2-bottom Hyd. Plow; John Deere 2-way plow; John Deere KBA disc harrow; John Deere spring harrow; I & J 2-row cultivator with liquid fertilizer tank, double cultipacker; McD riding cultivator and one for parts; Two section rotary hoe; spike harrow; wooden roller; 200 gallon sprayer with centrifugal pump.

McD 7' grain binder; McD one-horse corn binder; Brillion 5' packer-seeder, needs work; Ontario 13 hoe grain drill with wooden wheels; two fore-trucks, one with auto-turn;

Eight sets of front gears; collars; bridles; lines; jockey sticks; 1,2,3 and 4 horse hitches; platform scales; chains; 50 gallon drums; Bale twine, etc.

CROPS CROPS CROPS CROPS

3500 bales 1,2,3 and 4th cutting mixed hay. 500 bales Corn Fodder; 70 Ton Corn Ensilage; 50 Ton Ear Corn.

Above are approximate amounts

DAIRYING EQUIPMENT - Sputnik; Four Nu-Pulse milking units; Bou-Matic milker pump; two strainers; Stainless twin tubs; 30 gallon water heater; Washer tub and parts table; medicine cabinet on wheels; Stewart Air clippers; 12V fencer; 400 gallon stainless tank used for fertilizer; 500 gallon steel tank; two ensilage carts; feed cart.

Two 2-pen calf kennels; round bale feeder; 10' metal hay rack on wood trough; etc. etc.

Most of equipment in field ready condition!

LUNCH AVAILABLE with SPECIAL Chicken Bar-B-Q and Baked Potatoes, to reduce Relative Doctor Bills.

Sale At 9:00 A.M. - Real Estate 10:00 A.M.

JOHN E. STOLTZFOOS, Owner
RD #1 Box 164, New Park, Pa.

Diffenbach's Auctioneers AU225L
717-393-4464

PUBLIC AUCTION
MODERN FARM EQUIPMENT & TRUCKS
TUES., JAN. 4
At 10 AM

Located along Rt. 100 between Bally & Boyertown at Barto. Berks Co., Pa.

TRACTORS - Int. 986, 3 pt. diesel, 2400 hrs., plus an Int. 2450 frt end loader w/7' bucket; Int 806 Farmall diesel w/3 pt; Farmall 504, tricycle w/fh; Int. 460 Farmall w/fh, new rubber & new paint (nice); Oliver 550 utility w/3 pt., live PTO, plus 1510 loader & Woods 6' sn blade;

TILLAGE - Int 3 pt. 5 tooth (ripper subsoiler); Int. 3 pt. 5500, 11 tooth chisel pl w/ depth wheels; Oliver 6-16", 3 pt. semi mtd 548 pl; JD 215- 13'6" Dura Cushion transport disc; Brillion 12' roller harrow; Brillion 14' single roll transport cultipacker;

PLANTING - White 4 r wide air corn planter w/dry fert. & monitor; JD FB-17 disc grain drill w/grain, fert & grass band seed;

HAYING - NH 489 haybine; Gehl 243-18' PTO tedder; NH 256 rake; NH 273 baler w/ thrower; (2) 8'x18' metal bale side wagons w/NH chassis; (4) 4 whl farm wagons, 2 w/ bale sides; Smoker 24' bale elev.; (5) Gravity Wagons.

GRAIN - JD 4400 combine Ser# 300272-H w/rotary screen, 213 grain head & 444 c head, only 2200 hrs; Westfield 6"x40' PTO transport auger; 14'x4" grain auger; grain areator;

MISC - Vicon 900 lb. cap 3 pt. PTO fert. spreader; Int. 50. 540 RPM 4 r stalk pulverizer; MC 466 frt mtd 4 r cultivator; 4 r rotary hoe; Woods 6' trailer type rotary cutter; 2 & 3 sec spike tooth harrows; 6' fh blade; Forney 180 AMP elec. welder; Forney 15,000 W PTO generator; NI semi mtd 7' mower; 1800 lb psi 3 pt. log splitter; Hardie 50 gal. fruit tree & lawn sprayer w/antique Briggs & Stratton eng.; Jamesway shuttle stroke barn cleaner unit only; 500 lb. platform scale; 2½ " eng driver suction pump; dump rake; anvil; approx. 40 creosoted fence posts; approx. 40 metal fence posts; 11 bags baler twine; 40' alum. ext. ladder; tractor weights; asst two chains, tools; 12" & 19" Rem chain saws.

TRUCK - 1968 Chev mod 50 w/14' Midwest body, 19,500 GVW, only 50,000 mi.

Terms: Cash or Check.
Refreshments Available
Selling for
GEHRINGER FARMS
Leonard & Donald Gehringer

PO Box 215 • Fogelsville PA 18051 • 215 395-8084 • License #AU001809-L
RALPH W. **ZETTLEMOYER AUCTION**

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES. APR. 5, Farm Machinery. Directions From Williamsport Route 15N To Trout Run Exit Route 14N To Canton In Canton Take Route 414 E To East Canton To Suzuki Dealer On Left, Next Rd. Turn Right, Go To Cross Road Turn Left On Southside Road To Farm On Left, Bradford Co. Terms By, Wilcox Brothers. Kline, Kreider & Good Aucts.

WED. APR. 6 - 6:30PM, Winross & Toys. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. APR. 8 - 9AM, Farm Equip., Tractors, & Supplies. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. APR. 8 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. APR. 9 - 7 Beef Cows, 2 Bulls, Farm Equipment, Carpenter Tools, Etc. Located 450 Yeakley Rd., Just Off Hilltop Rd. North Of Myerstown, Leb. Co. Owner, Woodrow H. Yeakley. G. Harvey Weik, Auct.

SAT. APR. 9 - 9AM, Real Estate & Contents, Farmette + 8 Acre Tract, N. Berks Co., Pa., Tulpehocken Twp. Sale For Mabel Snyder. Dwight D. Miller, Auct.

SAT. APR. 9 - 2:30PM, Farm Toy Auction. Located Mifflinburg High School, Off Rt. 65, Mifflinburg, Pa. Info. 717-966-3483 For Corisignment.

MON. APR. 11 - 11AM, Richard Cummins Complete Dispersal Of Large Scale Modern Grain Farm Equipment, J.D. Tractors And Combine, 10-Wheel Trucks, Etc.l Located Gainesville (Wyoming Co.), New York. Pirrung Aucts., Inc., Wayland, New York, 716-728-2520.

FRI. APR. 15 & SAT. APR. 16 - 5PM, Sat.- 9AM. Two Day Annual Farm Equip. Contractor's Equip., Vehicles, Hay, Straw, Sm. Row Items, Furniture, Household, Consignment Auction. Located Miller's Auct. Center, Bethel, Pa. Dwight D. Miller, Auct.

FRI. APR. 15 - 1:30PM, (This Change Is Due To Good Friday). State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. APR. 16 - Peiffer Hill Consignment Sale of Lawn & Garden Equipment & Tractors. Located Church St. thru Reamstown to Red Run Rd. Turn Left to Steffy Rd. Turn Left to Auction on Left. Kline, Kreider, Good, Aucts.

FRI. APR. 22 - 5PM, Annual Spring Cows & Fishing Equip. Consignment. Located Dwight D. Miller, Auct., Centre, Bethel, Pa.

FRI. APR. 22 - 7PM, Feeder Cattle. Located New Holland Sales Stables Inc., 101 W. Fulton St, New Holland, Pa. Norman Or David Kolb, Aucts.

SAT. APR. 23 - 10AM, Spring Tractor Sale. Located A&C Diffenbach Auction Inc., 100 West Jackson Street, New Holland, Pa. 17557. Alan Diffenbach Auct.

THURS. APR. 28 - 10AM, Lamb Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. APR. 29 - 1:30PM, (This Change Is Due To Good Friday). State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. APR. 30 - 9:30AM, Ringo Hill Farm Equipment Auction. Located Burtville (Potter Co.) Penna. William Weierbach Family. Pirrung Auctioneers, Inc., Wayland, New York, 716-728-2520.

MAY

SAT. MAY 7 - 10AM, Heifer Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. MAY 13 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. MAY 13 - 7PM, Feeder Sale. Located New Holland Sales Stables Inc., 101 W Fulton St, New Holland, Pa. Norman Or David Kolb, Aucts.

FRI MAY 20 - 7PM, Horse Sale Located New Holland Sales Stables Inc , 101 W Fulton St , New Holland, Pa Norman Or David Kolb, Aucts

FRI MAY 27 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc Exit 12 South Off I-81 Left Onto Alexander Spring Road (717) 249-4511

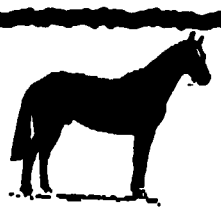
JUNE

SAT JUNE 4 - 10AM, Reg Heifer Sale Located New Holland Sales Stables Inc , 101 W Fulton St , New Holland, Pa Norman Or David Kolb, Aucts

FRI JUNE 10 - 1 30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc Exit 12 South Off I-81 Left Onto Alexander Spring Road (717) 249-4511

FRI JUNE 10 - 7PM, Horse Sale Located New Holland Sales Stables Inc , 101 W Fulton St , New Holland, Pa Norman Or David Kolb, Aucts

Dairy and Livestock Sales



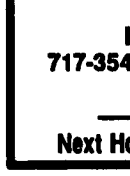
10 HEAD TOP STANDARD BRED DRIVING HORSES

All Trotters
To Be Sold At Approx. 12:00 Noon

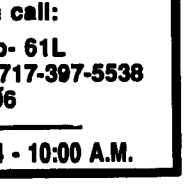
MON., JAN. 3, 1994

New Holland Sales Stables, Inc.
Horse Sale, New Holland, PA
Will be hitched at 8 A.M.
Consigned by
ELAM B. STOLTZFUS

300-400 HEAD
SPECIAL HORSE SALE
WORK HORSES
MULES
DRIVING HORSES
FRIDAY, JANUARY 7, 1994



AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.



Horse Sale 10:00 A.M.
Note: Tack Sale 9:00 A.M.
Wagons, Sleighs, Harness, Etc.

20 Head Work Horses.
10 Head Mules.
1 pr. 5 yr. old Gray horses, good broke.
1 pr. 6 yr. old black horses, good broke, plus top sorrel teams and singles.
1 pr. 17 hands Red Sorrel Jack Mules, 5 & 6 yrs. old.
Consigned by Ward Wright.

30 Head Work Horses consigned by Shy Tipton.

25 Head top Work Horses.
1 pr. 3 & 4 year old Grays.
1 pr. 4 yr. old Sorrels.
Plus more good teams and singles.
Consigned by Billy Drake, KY.

1 Load top Work Horses consigned by Bud Leonard.

1 Load Work Horses consigned by Bill Pope.

1 Load top Work Horses and 1 pr. Driving Horses.
1 Pr. 4 Year Old Gray Percherons
1 Pr. 3 And 4 Year Old Clydesdales
Consigned by Billy Meadows.

1 Load Work Horses consigned by Earl Stoltzfus.

Plus Many More Work Horses

4 Fancy Mules
1 pr. Sorrel Molly Mules 17.1 hands, 6 & 8 yrs. old
1 Sorrel Jack Mule 6 yrs. old 17.1 hands
1 Sorrel Molly Mule 8 yrs. old 15.2 hands.
Consigned by Bill Rutherford, VA.

Driving Horses - Elam B. Stoltzfus, Christ Z. Stoltzfus, Jonas Beiler, Ben K. Stoltzfus, Reuben G. Stoltzfus, Jerome Wanner & Clayton Waterberry.

5 sets new work harness.

For more information call:
Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538
FAX# 717-355-0706

Next Horse Sale - Jan. 21, 1994 - 10:00 A.M.

SATURDAY AUCTION

HOUSEHOLD GOODS, SOME ANTIQUES, TOOLS & GUNS, JARS & BOTTLES

FOR MRS. HELEN I. MILLER & THE LATE JOHN A. MILLER OF R.R. #2, STEWARTSTOWN, (RINELY) PA & OTHERS

SATURDAY, JANUARY 8, 1994

at 8:30 A.M.

Auction to be held in the Chanceford Community Center, approx. 8 miles southeast of Red Lion off Rt. 74, turning at the Brogue Post Office.

Herring Hall Marvin Safe Co. home safe approx. 300 lbs; Maytag auto washer; Sylvania 25" console remote color TV; sm. 3 pc. dinette; lg. chrome & formica 7 pc. dinette; mahogany kneehole desk & chair; G.E. refrigerator; old kerosene stove; misc. oak chairs; metal Radio Flyer wagon; Maytag sq. tub wringer washer; double rinse tubs; 3 metal cabinets; ant. wood play pen; blanket chest; clothes tree; lot of misc. cookware, pots & pans; canner; 5 gal. crock; sev. asst. crocks; milk can; copper washboiler; lots of what-nots; S&P collection; glassware; ceramic Christmas tree; jars; meat grinder; etc.

Remington Model 121 Fieldmaster pump rifle; H & R Model 929 pistol 22 cal; bolt action 22 rifle; 2 iron butcher kettles & 3 foots; butcher bench; tubs; block & tackle; chains; asst. of hand tools; baskets; clay bird thrower; galv. water cans; alum step & ext. ladders; J.D. trimming mower; fertilizer spreader; garden worker, etc.

MRS. HELEN MILLER

Bow front china closet, as is; lg. mahogany acorn poster bed, matching dresser & mirror; Sheraton night stands w/2 drawers; Empire chest of drawers; pine chest of drawers; 5 pc. bookcase B.R. suite; cedar chest on legs; Victorian side chair; Sentry home safe; dinette table & 4 chairs; mahogany step end tables; bookshelf; mirror w/ gilt frame; electric typewriter & stand; nice Weller umbrella stand; sev. original paintings; Halls bowls; candle wick; Nippon celery dish & salt dips; other Nippon pcs; Va. Rose; German bowls; Austrian cake set; Limoge pcs; pattern glass; dishes, pots & pans; & many items not mentioned.

SPECIAL MENTION: LARGE COLLECTION OF CANNING JARS & BOTTLES. OVER 100 PCS. SEVERAL SIZES, STYLES, MAKES & COLORS TO BE OFFERED AT APPROX. 11 P.M.

SECHRIST AUCTIONEERS
Bob & Tom Sechrist
Lic.# 820-821
Ph. 717-382-4379 or 741-4489
Kurt Contres, Dena Brenneman
Lic.#2005-L & #2172-L
Good Food by Chanceford Volunteers
Not responsible for accidents
AUCTIONEER NOTE: THERE WILL BE 2 AUCTIONS GOING MOST OF THE MORNING. FURNITURE AT APPROX. 1 P.M.

FAWN GROVE, PA. 382-4379 — SECHRIST Auctioneers — RED LION, PA 741-4489

Lic. Nos. 820 & 821

Kurt Contres & Dena Brenneman, Apprentice Auctioneers Lic. Nos. AA-0002005-L and AA-002172-L

Belleville Livestock Market

Wednesday, January 5, 1994
1:30 P.M.

Selling A Centre County Herd - 28 Holstein Dairy Cows

These cows are in full flow of milk with several just fresh and a couple dry or springing. The rest in all stages - a good year round herd.

Health charts, pregnancy checked.
For More Information Call:
Gene Glick
717-667-2703 or 717-935-2146

Public Sale

Thursday, Jan. 6th, 1994
Time 11:30 A.M.

Location: From Carlisle Travel Rt. 74 N. To 944 Turn West Go Approx. 3 Mi. To Bobcat Rd. Turn Right & Continue To Sale. From Newville Go East On 641 To Grahms Woods Rd. Turn N. Go Approx. 5 Mi. After Crossing 944 1½ Mi. To Bobcat Rd. Turn Right To Sale Site.

"38 Head Grade Holstein Dairy Herd"

Approximately ½ Of The Herd Are First & Second Calf Heifers. 9 Fresh In The Past 75 Day. 5 Due In Jan. & Feb. Bal. Of Herd In Various Stages Of Lactations. 30 Day Health Charts.

Pregnancy Checked. Free Stall Milking Parlor Herd.

Owner:
Robert Lichtenberger, Sr.
406 Bobcat Rd.
Newville, Pa.
717-243-9395

Auct. Kevin M. Wickard
LC 2541L Ph. 243-1018
Terms: Cash Or Pa. Check
Settlement Day Of Sale. Not Responsible For Accidents.
Machinery, Farm Items - Household, Etc. To Be Sold
Feb. 26, 1994

DAIRY COW AND HEIFER AUCTION

At Shady Lane Dairy Sales Inc., 1/4 Mile West Of Quarryville, Pa. Off Rt. 372 On To Oak Bottom Rd.

Thursday Morning, January 13, 1993

11:30 A.M.
(Blizzard Date Friday Morning Jan. 14, 11:30 A.M.)

125 HEAD OF REGISTERED AND HI GRADE HOLSTEINS SELL

-----Including-----

25 Registered cows with high production records from Md.
20 Top fresh cows and first calf heifers, all fresh in the last two weeks.
Quality Consignments Welcome. If you want milk plan to attend this production sale.

Watch Next Weeks Papers For Full Advertisement

Shady Lane Dairy Sales Inc.
23 Shady Lane, P.O. Box 673
Quarryville, Pa. 17566-0673

Glenn D Fite 717-786-2750 — **Fax 717-786-3250** — **David L Fite** 717-786-1725

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI JUNE 24 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc Exit 12 South Off I-81 Left Onto Alexander Spring Road (717) 249-4511

JULY

WED JULY 1 - 7PM, Horse Sale Located New Holland Sales Stables Inc , 101 W Fulton St , New Holland, Pa Norman Or David Kolb, Aucts

FRI JULY 8 - 1.30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81 Left Onto Alexander Spring Road. (717) 249-4511

FRI JULY 22 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc Exit 12 South Off I-81 Left Onto Alexander Spring Road (717) 249-4511

AUGUST

FRI. AUG. 5 - 7PM, Horse Sale Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts

FRI. AUG. 12 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI AUG. 26 - 1:30PM, State Graded Feeder Pig Sale Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SEPTEMBER

FRI. SEPT. 2 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa Norman Or David Kolb, Aucts.

FRI. SEPT. 9 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI SEPT. 23 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

SAT. SEPT. 24 - 10AM, Heifer Sale Reg. & Grade Hols. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa Norman Or David Kolb, Aucts

FRI SEPT. 30 - 7PM, Feeder Cattle. Located New Holland Sales Stables Inc , 101 W Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

OCTOBER

FRI. OCT. 7 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. OCT. 14 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. OCT. 14 - 7PM, Feeder Cattle. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

WED. OCT. 26 - 11AM, Sale. Judging 9AM. Annual Dairy Show & Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. OCT. 28 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

NOVEMBER

FRI. NOV. 4 - 7PM, Horse Sale. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

FRI. NOV. 11 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. NOV. 25 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. NOV. 25 - 7PM, Special Feeder. Located New Holland Sales Stables Inc., 101 W. Fulton St., New Holland, Pa. Norman Or David Kolb, Aucts.

DECEMBER

FRI. DEC. 9 - 1:30PM, State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

FRI. DEC. 30 - 1:30PM, (Due To Christmas). State Graded Feeder Pig Sale. Located At Carlisle Livestock Market, Inc. Exit 12 South Off I-81. Left Onto Alexander Spring Road. (717) 249-4511.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA

PH: 717-786-3016

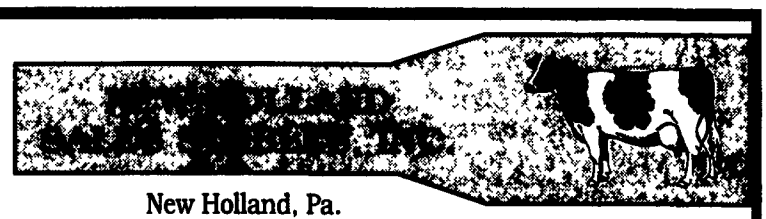
SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE

Marshall, Va.
703-364-1566

Dairy and Livestock Sales



New Holland, Pa.

Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, JAN. 5, 1994

HEIFERS 11:00 A.M.
MILK COWS 12:00 NOON

Usual run of open and bred heifers sell at 11:00 a.m.

•

Fresh cows and springers from local dairyman.

•

Special consignments for Marvin Eshleman, Dale Hostetter and Leroy Smucker.

Note to consignors - please have your dairy animals at sale barn Tues. accompanied by T.B. and blood test papers, Reg. papers, milk weights, breeding info, etc. Catalogues are prepared for seller and buyer satisfaction.

New Holland Sales Stables wishes you and your family a

Happy and Prosperous New Year

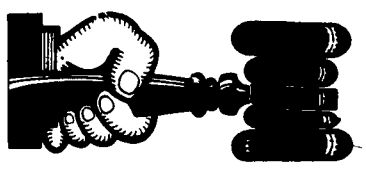
Sales Managed By

New Holland Sales Stables, Inc.

Rte. 23 E. of RT. 222 Exit 286 Off PA. Turnpike

Norman & David Kolb, Mgrs. 61L

717-397-5538



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John D. Stauffer

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1484 Mountain Road, Manheim, PA 17545

Fulltime Courteous Professional Auction Service
Since 1976
Real Estate • Farm Equipment • Antiques
Personal Property • Livestock
Phone 717-665-5099

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Licensed & Bonded
Professional Auction
Service

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* Real Estate
* Farm Equip. & HH Goods

Ephrata, PA
717-656-8793

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REALTOR MLS

HORNING

Farm Agency, Inc.

Alvin Horning *Bus. (215) 286-5183*
Merle Eberly *Res. (215) 775-3745*

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215-445-4309

Auctioneer:
Steve
Steve Jr.

Petersheim:

Petersheim Auctioneers

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Farm Equipment
Real Estate

215-593-2828

ROGERS COMMUNITY AUCTION INC.

PLEASE NOTE NEW SALE TIMES!

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction
Starts At 6 P.M.
Poultry Auctions Start At 6 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments

Open Air Market All Day And Evening

Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS

Farm Machinery Consignment Auction

The 1ST WEDNESDAY EVENING OF EACH MONTH at 3 P.M. sharp.

We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain

EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.

Barn Opens at 8 A.M. to Consign

Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

MILK. IT DOES A BODY GOOD.™

ANNUAL PUBLIC SALE

We will offer for sale the following tractors & farm equipment located 7 miles South of Martinsburg, WV — OR — 14 miles North of Winchester, VA off Interstate 81, Take Exit #5 (Inwood) Route 51 East approx. 3½ miles East of Inwood, WV turn right at Shutt's Cash Grocery - .2 mile to sale.

SAT., JAN. 1, 1994
At 9:00 AM

We will offer for sale approx. 25 farm tractors, and approx. 250 pieces of new and used farm equipment including rakes, rotary cutters, balers, yard rakes, plows, elevators, disc, new utility trailers, shop tools and other items too numerous to mention.

TERMS: Cash or Good Check. Nothing to be removed until settled for. ID required to acquire a bidding number. All announcements sale day take precedence over all advertising.

Open Daily - Monday through Saturday 8 am until 5 pm
Consignments Welcome - No Consignments taken on Sunday
Bring a load - Buy a load - Trade a load

EDGAR A. BOHRER, SR. - SALE MANAGER
WV Lic. #18
EDGAR A. BOHRER, JR. - AUCTIONEER
WV LIC. #1104
304-229-8354

Not Responsible For Accidents On Premises
Lunch Rights Reserved

MELVIN KOLB, INC.

is having a

SPECIAL COW SALE

to start off the new year!

THURSDAY, JANUARY 6, 1994

TIME: 11:00 A.M.

LOCATION: West of Lancaster on Dairy Road, Take Route 283 West to 741 West and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

NEW YEAR'S RESOLUTION!

Attend Mel Kolb's Sales every month of 1994 for CHOICE HOLSTEINS!

ESPECIALLY SELECTED FOR THIS SALE

200 QUALITY HOLSTEINS 200

5 Grade Cows picked from one herd milking over 100 lbs. per day.

30 Fancy Fresh Cows from New York State really milking - some over 100 lbs.

100 Head of Top Cows from New England States Purebreds and grades, some milking over 100 lbs. These are the best ones picked from several herds that were sold.

50 Big Fancy First Calf Heifers fresh and springing. This is a fine group of heavy milking cows for this New Year's Sale.

SAMPLE OF COWS SELLING

* A BRIDON ASTRO JET ET Dtr. milking 100 lbs. 20,214 781 Dam GP ASTRONAUT 19,214 3.7 2n Dam GP ROCKMAN.
* A TONG Dtr., Dam 21,090 4.4 935, next dam 20,480 4.7 959.
* A 2 yr. LAMPORT HAWKEYE Dtr. Fresh milking 70 lbs. Dam GP TEMPO 21,797 3.3 710.
* A Fancy JUBILANT Dtr., Dam GP 20,027 3.5 708.
* A Fresh CORDOBA Dtr. 17,465 3.5 615 milking 95 lbs., Dam GP TEMPO, next Dam VG 21,773 3.5 769.
* A HANOVERHILL JETHRO Dtr., Dam EX TRIPLE THREAT Dtr. 21,980 4.2 917, next Dam VG-88 23,331 4.0 928, 3rd Dam VG 19,936 4.0 800.
* A Fancy REYNOLD CORSAIRE Dtr. due to PAYTON.
* A Fresh KASPER Dtr. milking 90 lbs. 2 yrs. 17,991 4.0 720, Dam 22,448 4.0 902.
* A GLENAFTON ENHANCER Dtr. fresh milking over 100 lbs.
* A Fresh JUPITER Dtr. milking 90 lbs.
* A 2 Yr. DELEGATE Dtr. due to RONNYBROOK JEOPARDY, Dam GP TONY Dtr. 2 Yrs. 16,349 3.85 3.28 prt., 2nd Dam GP STARMASTER 21,539 4.41% test.
* A 2 Yr. GABRIEL Dtr. due to DEERFIELD KID KATE, Dam 19,550 3.8 736.
* A Fancy 2 yr. ROTATION Dtr. due to HILTON.
* A Fresh Jersey RODK ELLA EPCOT Dtr. milking over 60 lbs.

3 Top Service Age Bulls:

* A GLEE-HI MICHAEL-ET Son, Dam EX-91-2E 38,282 4.0 1527f.
* A SOUTHWIND BELL OF BAR-LEE Son, Dam VG-87 27,330 4.1 1118, next Dam 24,440 4.6 1118 3.4 819.
* A RONNYBROOK PRELUDE Son, Dam VG 24,068 3.7 883, next Dam GP 23,716 4.3 1026.
* Several Heifer Calves from these good cows. Many more not in this ad.

FARMERS: Start the New Year out right, if you need good cows or heifers attend this sale and see quality plus quantity!

FREE TRANSPORTATION FOR LANCASTER CO. AMISH

Please call: (717) 569-6800 or (717) 569-2106
by 5:00 P.M. Wednesday, January 5, 1994

Sale Managers: **Dennis & Mel Kolb**

Pedigrees: **Henry Kettering**

Auctioneer: **Robert C. Mullendore (000644-L)**

PA FARM:
2220 Dairy Rd.
Lancaster, PA 17601

Res.: (717) 393-7459

FREE LUNCH FOR ALL DAIRY FARMERS

ARMSTRONG Rhino-Tough Tires

SPECIAL!

18.4R38, 8 PLYS..... $420.00

ASK ABOUT OUR EXTRA SPECIAL PRICES AND DEALS!

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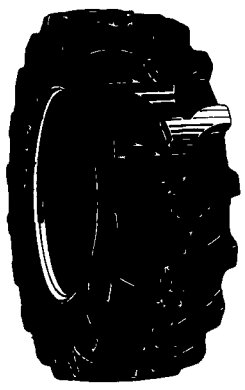


BACKHOE

★ TUBELESS ★

14.9x24, 8 Ply, Tubetype	$260.00
16 9x24, 8 Ply	$305.00
16 9x24, 10 Ply	$330.00
16.9x28 8 Ply	$340.00
17.5x24, 8 Ply	$300.00
17.5Lx24, 10 Ply	$370.00
18.4x24, 8 Ply	$410.00
18.4x24, 12 Ply	$530.00
19 5Lx24, 10 Ply	$470.00
19.5Lx24, 12 Ply	$540.00
21Lx24, 12 Ply	$650.00
21L-24, 10 Ply	$610.00

LOADER DOZER

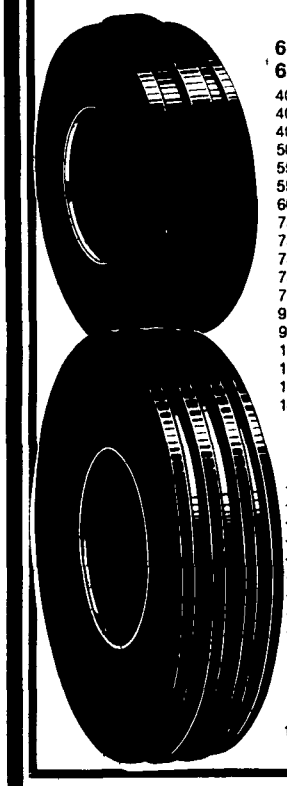
15.5x25, 12 Ply	$365.00
17.5Lx25, 12 Ply	$499.00
20.5x25, 12 Ply	$850.00
23 5x25, 12 Ply	$1,180.00
23 5x25, 16 Ply	$1,250.00

ARMSTRONG

GRADER

1300x24, 10 Ply	$295 00
1300x24, 12 Ply	$325.00
1400x24, 10 Ply	$340.00
1400x24, 12 Ply	$375.00
1300x24, 10 Ply Tubeless	$350.00
1400x24 12 Ply Tubeless	$440 00

FRONT TRACTOR - Shipped UPS No Charge



★ 3-RIB ★

600-16, 6 ply	$47.00
650-16, 6 ply	$51.00
400 12	$26.00
400 15	$28.00
400 19, 4 Ply	$36.00
500 15	$36.00
550 16, 4 Ply	$40.00
550 16, 6 Ply	$43.00
600 14, 6 Ply	$77.00
750L 15 6 Ply	$57.00
750 16, 6 Ply	$63.00
750-16 8 Ply	$68.00
750-18, 6 Ply	$76.00
750 20, 6 Ply	$86.00
9 5L 15, 6 Ply	$69.00
9 5L-15, 8 Ply	$76.00
10 00 16, 6 Ply	$89.00
11Lx15, 8 Ply	$97.00
1100-16, 8 Ply	$108.00
14L-16 1, 8 Ply	$225.00

★ 4-RIB ★

11L-15, 8 Ply	$91.00
10 00 16, 6 Ply	$90.00
10 00-16 (TL), 8 Ply	$132.00
11 00-16, 6 Ply	$96.00
11 00-16, 8 Ply	$105.00
11 00-16 (TL), 8 Ply	$140.00
14L-16 1 (TL) 6 Ply	$226.00
14L-16 1, 8 Ply	$213.00
16 5L-16 1 (TL), 8 Ply	$330.00

★ 5-RIB ★

1100x16, 12 Ply, Tubeless	$160.00

Super Hi Traction Lug Radials

18.4R38 ★
NOW ONLY 535.00

20.8R38★
NOW ONLY $710.00

18.4R34 ★	$530.00
16.9R38 ★ ★	$540.00
20.8R38 ★ ★	$697.00
18.4R42, ★★	$800.00
20.8R42, ★★	$800.00

ARMSTRONG

RADIAL FRONT WHEEL ASSIST

16.9R26★★	$425
18.4R26★★	$570
14.9R28★★★	$445
16.9R28★★	$450
14.9R30★★★	$485
16.9R30★★	$525

CALL FOR QUOTE ON TRUCK TIRES!

ARMSTRONG

Hi Traction Lug

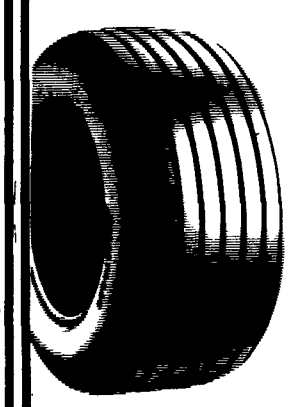
15.5x38, 6 Ply
$310.00

SERVICE AVAILABLE...

CALL FOR QUOTE!

11.2x24, 4 Ply	$132.00
11.2x24, 6 Ply	$155.00
11.2x24, 8 Ply	$185.00
14.9x24, 4 Ply	$200.00
14.9x24, 6 Ply	$226.00
14.9x24, 8 Ply	$270.00
16.9x24, 6 Ply	$260.00
16 9x24, 8 Ply	$292.00
14.9x26, 6 Ply	$233.00
18.4x26, 6 Ply	$328.00
18.4x26, 10 Ply	$400.00
23.1x26, 8 Ply	$675.00
11 2x28, 4 Ply	$165.00
12.4x28, 4 Ply	$180.00
13 6x28, 4 Ply	$192.00
13.6x28, 6 Ply	$220.00
14.9x28, 4 Ply	$210.00
14.9x28, 6 Ply	$235.00
14.9x28, 10 Ply	$370.00
16.9x28, 6 Ply	$290.00
16.9x28, 8 Ply	$310.00
16.9x28, 10 Ply	$352.00
16.9x30, 6 Ply	$300.00
18.4x28, 6 Ply	$390.00
18.4x30, 6 Ply	$355.00
23.1x30, 8 Ply	$780.00
24.5x32, 10 Ply	$920.00
16.9x34, 6 Ply	$340.00
18.4x34, 6 Ply	$360.00
18.4x34, 8 Ply	$425.00
20.8x34, 6 Ply	$620.00
20.8x34, 8 Ply	$690.00
23.1x26, 10 Ply	$705.00
23.1x34, 8 Ply	$970.00
11.2x38, 4 Ply	$200.00
12.4x38, 4 Ply	$230.00
13.6x38, 4 Ply	$230.00
13.6x38, 6 Ply	$263.00
14.9x38, 6 Ply	$300.00
15.5x38, 8 Ply	$340.00
16.9x38, 6 Ply	$370.00
16.9x38, 8 Ply	$400.00
18.4x38, 6 Ply	$430.00
18.4x38, 8 Ply	$460.00
20.8x38, 8 Ply	$660.00
20.8x38, 10 Ply	$780.00

WAGON TIRES



26 1200x12, 4 Ply	$55.00
8.51x14, 6 Ply	$51.00
9.5Lx14, 6 Ply	$53.00
9.5Lx14, 8 Ply	$55.00
9.5Lx15, 6 Ply	$48.00
9.5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply, Tubeless	$58.00
11Lx15, 8 Ply	$52.00
11Lx15, 10 Ply	$60.00
1000x15, 8 Ply	$73.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$68.00
12.5Lx15, 10 Ply	$78.00
12.5Lx16, 14 Ply	$96.00
12.5Lx15, 12 Ply	$110.00
14Lx16.1, 12 Ply	$172.00
16.5Lx16.1, 10 Ply Tubeless	$192.00
25x7.50x15, 4 Ply Tubeless	$51.00
25x7.50x15, 6 Ply Tubeless	$58.00
27x9.50x15, 4 Ply Tubeless	$63.00
27x9.50x15, 6 Ply Tubeless	$74.00
27x9.50x15, 8 Ply Tubeless	$90.00
31x13.50x15, 6 Ply Tubeless	$116.00
31x13.50x15, 8 Ply Tubeless	$125.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

CONTRACTOR F-3

11Lx16, 10 Ply	$100.00
11Lx15, 8 Ply	$85.00
11Lx15, 10 Ply	$105.00
750 800x16, 10 Ply	$104.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16.1, 10 Ply	$255.00

SKID LOADER TIRES

570x12, 4 Ply	$45.00
23.850x12, 4 Ply	$53.00
27.850x15, 4 Ply	$57.00
27.850x15, 6 Ply	$82.00
27.1050x15, 6 Ply	$89.00
700x15, 6 Ply	$70.00
10-16.5, 6 Ply	$80.00
12-16.5, 8 Ply	$125.00
Steel Shield	
10-16.5, 6 Ply	$110.00
12-16.5, 8 Ply	$180.00

Above Tires Shipped To You FREE

Small Rear Farm Tires

750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8 3x24, 4 Ply	$107.00
8.3x24, 6 Ply	$113.00
9.5x24, 4 Ply	$120.00
9.5x24, 6 Ply	$128.00
11.2x34, 4 Ply	$200.00
11.2x36, 4 Ply	$200.00
12.4x24, 4 Ply	$156.00
13.9x36, 6 Ply	$280.00

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We Install Tires On Your Farm
• Centre Hall • Williamsport
• Sunbury • Allentown
• North Penna • New Jersey
• Northern Maryland

Ask About Our 8 Year Guarantee On Rear Tires

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In Pa., Call Toll Free: 1 800-222-1729
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HEATING

L.B. WHITE — Nobody does it better

NEW — L.B. WHITE

Model AS040
Variable BTUH (15,000-40,000) Pilot Light Ignition

- Dependable • Safe
- Durable

AS040

Features:
- Pilot Light Ignition
- Fully Protected Gas Valve
- Variable BTUH Output
- Eyebolt and Chain Mounting System
- Internal Gas Pressure Tap
- Ten-Year Warranty

NEW

MODEL AW 230 Agricultural Heater
Variable 100,000-230,000 Btuh

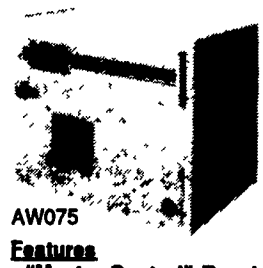
AW230

Features:
- Variable Btuh Output
- Totally Enclosed Case
- Fully-Hinged Access Panels
- Eyebolt and Chain Mounting System
- "Master Control" Panel
- 24 v. Control System
- "System II" Hot-Surface Ignition (HSI) System
- Versatile

Demand Quality... Demand The Best... Demand L.B. WHITE

Outdoor/Indoor Variable Btuh Agricultural Heaters
(45,000-75,000 Btuh) with Hot Surface Ignition

- Durability
- Performance
- Safety • Quality

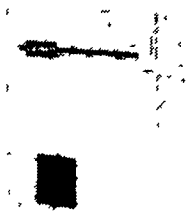


AW075

Features
- "Master Control" Panel
- Totally Enclosed Case
- Hinged Access Panels
- Variable Btuh Output
- Exclusive "System II" Hot Surface Ignition (HSI).

Bottom-Draw 170,000 and 200,000 Btuh Pilot-Ignition Agricultural Heaters

- Durability
- Safety
- Performance
- Quality



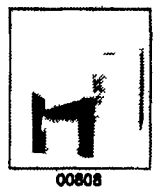
AB170/AB200
* Certified under A.G.A. Agricultural Requirement 5-88

Features:
- Enclosed Case
- "Pop-Top" Take-apart Pilot System
- Terminal Strip with Full Protection Cover
- Fully Protected Gas Cover
- Eyebolt and Chain Mounting System

Demand quality, Demand the best... Demand L.B. White

L.B. WHITE — Nobody does it better

AIR DIVERTERS



00808

00810

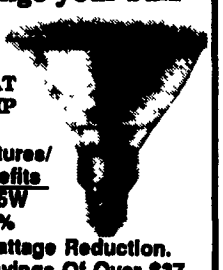
07434

07742

- Durability
- Performance
- Safety
- Quality

Features:
- Low Cost
- Efficient Design
- Easy Installation
- Adaptable
- Versatile
- Galvanized Construction
- Lightweight

It's time to change your bulb®

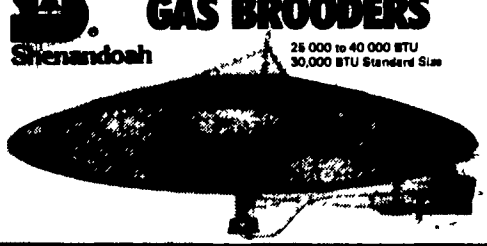


PAR HEAT LAMP

Features/ Benefits
- 175W
- 30% Wattage Reduction. Savings Of Over $37 Per Lamp Over The Life Of The Lamp = Energy Saving
- Long Life

VERTICAL VENTURI GAS BROODERS

Shenandoah



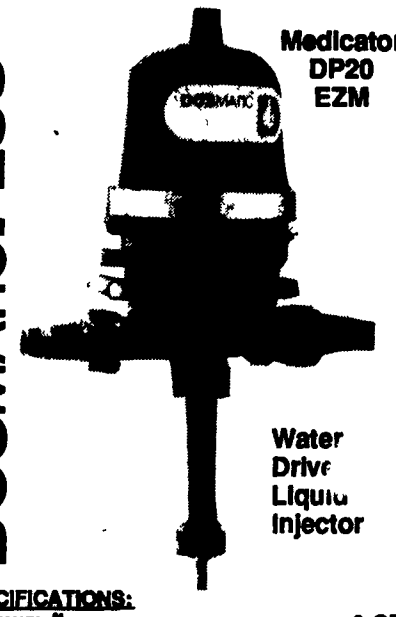
25 000 to 40 000 BTU
30,000 BTU Standard Size

The experience proven and efficiency tested brooder provides the outstanding flame quality needed to provide up to a 1250 chick brooding area.
The vertical venturi premixes the air and gas for efficient burning and delivers the rated BTU output selected. It is designed for labor saving maintenance procedure and trouble free operation. By selecting the BTU output desired various options are available to the grower all at the same price. It is easy to modify in the field by changing the main burner orifice.
The rigid spun-steel hover is made of 24 ga. galvanized steel and is 46½ inches in diameter. It is stepped and beaded for strength and assured long life. It comes complete with leveling chains and hooks.

The 110-S Control combines a snap-action thermostat with 100% safety valve. It is calibrated for brooding temperatures from 78° to 110°

MEDICATORS

DOSMATIC PLUS

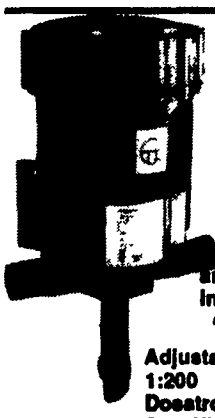


Medicator DP20 EZM

Water Drive Liquid Injector

SPECIFICATIONS:

Minimum flow:	2 GPH
Maximum flow:	1200 GPH
Minimum Pressure:	3 PSI
Maximum Pressure:	100 PSI
Max. Operating Temp.:	100 F
Connection:	3/4" GHT/1" NPT
Optional Connection:	3/4"/1" BSP
Ratio:	0.2% To 2.3%
Dimensions:	21"x8"x8"
Weight:	5 Lbs.



DOSATRON LIQUID DISPENSER

Accurately Meter... Antibiotics • Coccidiostats • Drugs • Disinfectants • Sulfas • Vaccines • Wormers • Vitamins • Fertilizers • Chemical Additives... into livestock and poultry drinking water or into irrigating systems.

7 GPM MODEL

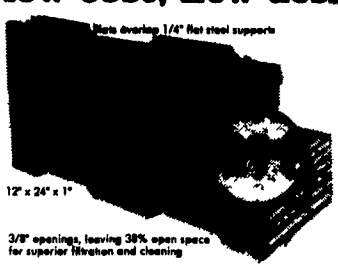
Adjustable ratios: 1:100, 1:128, 1:200

Dosatron 7 GPM Technical Specifications:

Adjustable Ratios:	1:100, 1:128, 1:200
Minimum Flow:	13 GPH
Maximum Flow:	400 GPH
Min. Oper. Pressures:	7 PSI
Max. Oper. Pressures:	72 PSI
Connections:	3/4" NPT
Dimensions:	Height 11" Width 8"
Weight:	3.5 lbs.

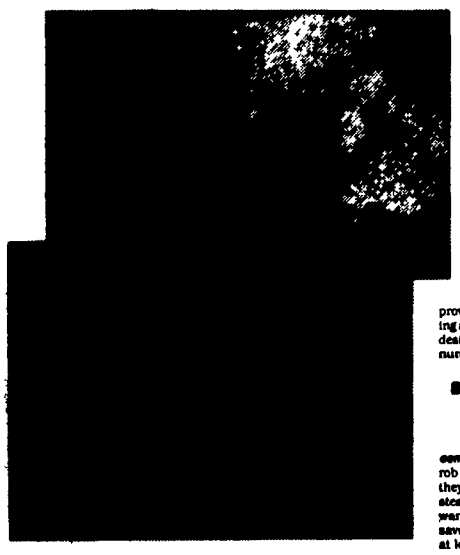
FLOORING

Maxima Nursery/Grower Flooring! low cost, new design...



the maximum in "Thermal Comfort"

- Filter-Ease® polypropylene provides warmth and comfort for the piglets and will not rob them of precious body heat
- Surface has a slight texture for better footing
- Inverted teardrop design for maximum filtration
- Full 10 year non-prorated warranty



Most Cost Effective on the Market!

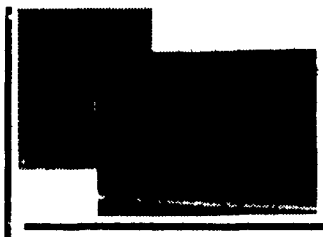
The simplified and economical support system, new interlocking feature inverted teardrop design, slightly textured surface, polypropylene construction, and warranty all make Maxima the newest and most cost effective slat on the market.

This polypropylene slat is designed to hook over steel support beams. Tabs on the end and side interlock to secure the floor.

The slightly textured surface provides better footing without being abrasive. The inverted teardrop design allows for maximum manure filtration.

Save Energy Costs... Turn Temp Down

Maxima slats provide "thermal comfort" for your pigs and do not rob them of body heat. The feed they eat is turned into pounds instead of being used to keep them warm. The producer can actually save on energy costs by operating at lower temperature settings.



nooyen "UNO-SLIP"®

traction break system
A patented system in the Nooyen flooring system which prevents the sows from slipping.
UNI-SLIP® is for the farrowing pens

TANDEM PRODUCTS, INC.
LIVESTOCK EQUIPMENT

Tenderfoot/NS

For Small Animals Up To 100 Lbs.

Tenderfoot/NS (Nursery) is specifically designed for use in standard nurseries and will accommodate pigs up to 100 lbs. Tenderfoot/NS is also used for many other small animal applications such as zoos, dog kennels, etc.

A Softer, Warmer, Bedding-Type Environment
When installed in the outer edges or creep area of a farrowing crate, Tenderfoot/NS will greet your newborn piglets with a soft, warm bedding-type environment. Those painful and costly bruises, abrasions and other discomforting problems are greatly reduced! Tenderfoot/NS 9 gauge expanded metal has hole openings that measure 7/16" x 3/4".

BOSS HOG — FLOORING FOR ALL CONFINEMENT NEEDS

Woven Wire — "New" Size 3/8"x3" - 5/16" Wire In Stock
3/8"x2 - 5/16" Wire — 3/8"x1½ " - 243" Wire

Accu-DOS

New Generation

11 GPM and 40 GPM MODELS

Technical Specifications:

	11 GPM	40 GPM
Minimum Flow:	2.64 GPH	1.0 GPM
Maximum Flow:	660 GPH	2400 GPH
Min. Oper. Pressures:	2 PSI	2 PSI
Max. Oper. Pressures:	90 PSI	110 PSI
Max. Oper. Temperature:	120° F	120° F
Connections:	¾ " NPT	1½ " PVC
Dimensions:	Height 18½ " Width 6¾ "	20" 12"
Weights:	4.4 lbs.	9 lbs.

24 Hour Service

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Swine & Poultry Systems Specialists

FARMER BOY AG. INC.

410 E LINCOLN AVE — MYERSTOWN, PA 17067

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Hours:
M-F 7:00-5:00;
Sat. 7:30-11:30

Full Line Of Parts In Stock For Your Poultry And Hog Needs

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1-1

Lowest SCC Pennsylvania DHIA Herds For November

The lowest SCC herds in Pennsylvania below 150,000 for November 1993 are listed as follows:

SCC Count	Name	City and State	Brd	No.Cows
61,000	JOSEPH E SNYDER	MILLMONT PA	B3	54.9
62,000	ROBERT FRANCIS	ULYSSES PA	3	38.0
72,000	EMPET FARMS	KINGSLEY PA	B3	58.7
75,000	CLYDE & GREG SEELEY	CANTON PA	3	45.9
76,000	PAUL HARTLE	BELLEFONTE PA	3	65.8
76,000	HIGHLAND H FARMS	BROCKWAY PA	3	21.5
79,000	JOHN WOODIN	BEARLAKE PA	8	16.9
80,000	RON + BETH RUFFANER	WORTHINGTON PA	3	36.8
80,000	SHILLING HILL FARM	WASHINGTON PA	3	39.5
84,000	DENNIS B HALFAST	CENTERVILLE PA	3	49.1
86,000	MARK GIERON	NEW OXFORD PA	B5	10.7
88,000	RICHARD GROOVER	CANTON PA	3	40.3
90,000	KENNETH GESFORD	MONTROSE PA	B3	45.0
92,000	RABOLD DAIRY	MERCER PA	G3	36.8
95,000	TED & BARB BOOZEL	MOUNT UNION PA	G3	26.2
95,000	NANCY WEIL	EDINBORO PA	B3	20.7
95,000	DALE R PETTY	CANTON PA	B3	41.1
99,000	JOHN JANUS JR	LAKE ARIEL PA	G8	36.2
100,000	DAVE+DOUG LEHMAN	CARLISLE PA	3	78.4
100,000	ROBERT H JAMISON	CARLISLE PA	3	25.7
102,000	R C & J R SHOEMAKER	CHAMBERSBURG PA	3	70.2
102,000	ROSSER BROTHERS	HOP BOTTOM PA	B3	43.5
103,000	SMITH BROS	PETROLIA PA	G3	37.2
103,000	CARL W ALLEN	GRANVILLE SUMMIT PA	B3	53.3
106,000	DETRICKS FARM	KANE PA	G3	32.8
106,000	XANADU GUERNSEYS	NEW WILMINGTON PA	B2	26.5
107,000	ED & MARYANN BAKER	WATSONTOWN PA	B3	77.5
108,000	LOIS J MARIETTA	ACME PA	3	31.2
108,000	LOR-MAR DAIRY	KNOXVILLE PA	B8	23.5
108,000	DALE+PATTIE MAULFAIR	JOHNSTOWN PA	1	28.5
108,000	GERALD R DONOVAN	TITUSVILLE PA	3	29.0
109,000	JAMES SLOCUM	SUSQUEHANNA PA	3	25.7
109,000	BERNARD MC QUAIDE	SALTSBURG PA	B3	46.2
110,000	TWIN STATES FARM INC	SUGAR GROVE PA	B3	232.4
110,000	GREGG WEIL	EDINBORO PA	B3	9.9
111,000	CLEMENT HALDEMAN	GREENCASTLE PA	B3	35.8
111,000	SCOTT &RHONDA LOVELL	LINDEN PA	B3	42.4
111,000	NOAH B SHARP JR	BELLEVILLE PA	B3	18.8
112,000	GARY TRUCKENMILLER	WATSONTOWN PA	B3	73.9
113,000	RANSOMED RANSOMDAIRY	NICHOLSON PA	B3	92.0
114,000	MIKE BOHONIK	WEST MIDDLESEX PA	B3	34.0
114,000	FLOYD RINEHIMER	MAPWALLOPEN PA	B3	58.7
115,000	MONT WILL FARMS	MONTOURSVILLE PA	B3	35.2
117,000	TERRACED ACRES FARM	CLEARFIELD PA	B8	14.1
118,000	VAN DE JERSEY	TRANSFER PA	4	120.3
118,000	JET-RAE FARM	SHIPPENSBURG PA	3	71.0
118,000	EJS AYR WILLOW FARM	THOMPSON PA	1	10.1
118,000	DONALD YASHONSKY	NEW WILMINGTON PA	B3	33.2
119,000	C LA RUE WAKELY	ULSTER PA	3	28.7
120,000	HEATHER&STEVE SHARER	LACEYVILLE PA	B8	28.6
121,000	JAMES LYDIC	MARION CENTER PA	4	23.2
122,000	DEBBIE STEVENSON	MILLERTON PA	4	21.1
123,000	ED + WILMA MCMILLEN	LANDISBURG PA	3	42.6
123,000	CASSYLE VALLEY ACRES	HOLBROOK PA	B3	57.1
123,000	EARL & LISA HAMILTON	SPRINGBORO PA	B3	70.4
123,000	CULBERTSON GREEN FM	CHAMBERSBURG PA	3	122.4
123,000	PAUL MANNING	DALTON PA	B3	45.4
124,000	WALNUT LANE FARM	MERCERSBURG PA	B2	38.4
125,000	LYLE+LAUREEN WRIGHT	CANTON PA	2	37.2
125,000	ARTHUR RUTLEDGE	DAMASCUS PA	G3	49.2
125,000	BLOUGH BROTHERS	BOSWELL PA	G3	119.7
125,000	MARK GIERON	NEW OXFORD PA	B3	32.8
126,000	WILLIAM CHAMBERLAIN	COVINGTON PA	3	49.7
126,000	WALNUTSTUFF HOLSTEIN	MERCERSBURG PA	3	53.4
126,000	DAN BONHAM	KINGSLEY PA	B3	52.7
127,000	W J & V J MC CHESNEY	NEW GALILEE PA	3	32.2
127,000	ROBERT YOUNKINS	KITTANNING PA	B3	41.8
127,000	ROBERT J OBRIEN	TUNKHANNOCK PA	B3	32.1
127,000	HAZEL GANDER	STONEBORO PA	B3	85.3
127,000	SHANNON BRENDA IRWIN	CENTERVILLE PA	G3	42.4
128,000	GEORGE F KING	MERCER PA	G8	41.2
128,000	PIPP'EN MARE FARM	SPRANKLE MILLS PA	B3	24.9
128,000	ALBAVALE FARM	CANTON PA	3	59.3
129,000	THOMAS E WALKER	MEYERSDALE PA	2	41.0
129,000	S + J ARBUCKLE	CLARKS MILLS PA	G3	63.0
129,000	LARRY STEVENSON	JAMESTOWN PA	G3	38.1
129,000	MICHAEL B STICKLER	LAWRENCEVILLE PA	3	16.7
129,000	GARY &BETTY FERGUSON	CANTON PA	G3	40.6
130,000	MARK VOGEL	WATTSBURG PA	B3	34.3
130,000	DALE+PATTIE MAULFAIR	JOHNSTOWN PA	B3	42.1
130,000	R M SHIPSKY & SONS	FOREST CITY PA	3	58.6
130,000	WILLIAM KICK	COL CROSS RDS PA	4	73.3
130,000	PAUL ALLEN	GRANVILLE SUMMIT PA	B3	66.3
130,000	GARRY WAGNER	COCHRANTON PA	G3	33.0
131,000	CHARLES-DON GABLE	ELVERSON PA	1	76.4
131,000	ARDROSSAN FARMS	VILLANOVA PA	1	128.9
131,000	ORNER FARMS INC	ROCKTON PA	B2	20.5
131,000	LINZ FARMS	SPRINGBORO PA	3	36.1
131,000	WALKER FARMS	SUSQUEHANNA PA	B3	61.3
131,000	PAUL J KENNEDY JR	BEACH LAKE PA	B3	43.7
131,000	GARY L FORNEY	LEBANON PA	B3	37.0
131,000	ROBERT J MCLAUGHLIN	MCKEAN PA	B3	34.1
132,000	FREDERICK NORDENHOLD	BEACH LAKE PA	B3	57.6
132,000	EDWIN L CALHOUN	GLEN ROCK PA	B3	55.5
133,000	GLEN S LAYSER	MANSFIELD PA	3	24.8
133,000	LA FAY FARM	LEWISTOWN PA	B3	43.9
133,000	OWEN-DEBI MITCHELL	MILLERTON PA	B3	58.3
134,000	MICHAEL DAVIS	WYALUSING PA	B3	31.3
134,000	DENTON CLARK	CLEARVILLE PA	B3	36.8
134,000	HUNSINGER FARM	SPRINGVILLE PA	3	51.7
135,000	MORRALS DAIRY FARM	CLEARVILLE PA	B3	68.6
136,000	RON&JANET TROYER	CENTERVILLE PA	B3	50.7
138,000	BLY VALLEY FARMS	TITUSVILLE PA	B3	21.8
138,000	FRED & CAROLYN KICK	COLUMBIA CROSS RD PA	4	58.8
139,000	STRINGERS SAND RIDGE	BELLEFONTE PA	3	70.1
139,000	BRUCE+BRENDAHENSARTH	MILLVILLE PA	2	28.0
139,000	KEITH C WALTERS	NEW ALEXANDRIA PA	B3	50.4
139,000	MABARBIL FARMS	MIDDLEBURG PA	3	81.9
139,000	LAST STOP FARM	LINESVILLE PA	B3	21.5
140,000	LINCOLN RIDGE FARM	MILLMONT PA	3	41.9
140,000	ROB FLYNN	LAKEWOOD PA	B3	38.4
141,000	VALEWOOD DAIRY	LORETTO PA	3	157.6
141,000	EVERETT BRADLEY	CENTERVILL PA	G3	36.1
141,000	ISAAC G WENGER	NEW BLOOMFIELD PA	G3	72.5
141,000	GOR-WOOD-D	MANSFIELD PA	3	173.9
141,000	G + R SWARTZENTRUBER	ROARING BRANCH PA	G3	37.5
142,000	INDIAN SPRINGS FARM	BLAIN PA	B8	47.9
142,000	MAX + FLO REAPSOME	LOYSVILLE PA	3	42.6
142,000	DETWILER HILL DAIRY	CONNELLSVILLE PA	B3	28.3
142,000	KEN BROWN	POTTSTOWN PA	B3	74.9
143,000	LONGACRE FARM	SUSQUEHANNA PA	3	49.0
143,000	J HAROLD BARE	ATGLEN PA	3	72.8
143,000	APPLEHURST FARMS	DILLSBURG PA	B3	36.8
144,000	LAVERNE + ANN PHELPS	LIBERTY PA	B3	55.3
144,000	RONALD PECK	PLEASANT MOUNT PA	G3	35.9
145,000	HAROLD SCHULER & SON	FLINTWOOD PA	3	35.1

(Turn to Page C3)

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DPI Officers, Directors Announced

GEORGETOWN, Del. — New officers and directors for Delmarva Poultry Industry, Inc. (DPI), the 4,000-member trade association for Delmarva's more than one-and-a-quarter-billion-dollar-a year poultry industry, have assumed office.

The new DPI president is Walter W. Moorhead, complex manager, Townsends, Inc., Millsboro, Del. Moorhead has served as a DPI director for several years, most recently as first vice president and chairman of the DPI Fund Drive. The new first vice president is Dr. Douglas K. Marvil, corporate director of nutrition, Showell Farms, Inc., Showell, Md. Second vice president is Dr. Spangler Klopp, director of animal services, Intervet, Inc., Millsboro, Del. The immediate past president is Larry K. Winslow of Salisbury, Md., vice president, fresh poultry operations, Perdue Farms, Inc.

There are several new members of the board of directors in 1994. They are Joseph E. Chisholm Sr., a banker and poultry grower from Pocomoke City, Md.; Greg Maloney, Delmarva Power and Light, Salisbury, Md.; Keith McMahan, president, Tri-Gas and Oil Co., Inc., Federalsburg, Md.; Kay R. Richardson, a poultry grower from Willards, Md.; J. William Satterfield, DPI's executive director, Georgetown, Del.; and Russell C. Williams, general manager, ConAgra Broiler Co., Hurlock, Md.

Returning DPI board members from Delaware are George A. Adkins, Allen's Milling Co., Delmar; Warren L. Allen Jr., Allen's Hatchery, Inc., Seaford; Norma Lee Conaway, Conaway Processing Equipment Co., Seaford; A. James Dennis Jr., Perdue Farms, Inc., Georgetown; G. Thomas Holder, Allen's Hatchery, Inc., Seaford; D. Daryl Houghton, Townsends, Inc., Millsboro; Wayne M. Jones, ConAgra Broiler Co., Milford; Leon J. LaChance, Allen's Hatchery, Inc., Seaford; Donald J. Lynch, Animal Health Sales, Inc., Selbyville; Warren H. Mumford, Mumford Sheet Metal Works, Inc., Selbyville; David L. Pogge, Mountaire Farms of Delmarva, Inc., Selbyville; Charles S. Postles Jr., poultry grower, Milford; Edward H. Ralph, Delaware Department of Agriculture, Dover; Patricia A. Tanner, poultry grower, Seaford.

From Maryland: P. Terry Baker, Showell Farms, Inc., Showell; Alden H. Balfany, Central Grain, Inc.; Salisbury; D. William Bruning Jr., poultry grower, Snow Hill; Charles Carpenter, Perdue Farms, Inc., Salisbury; Robert Davenport, ConAgra Broiler Co., Hurlock; Paul E. Downes, Mountaire Farms of Delmarva, Inc., Princess Anne; W. Simpson Dunahoo, poultry grower, Hebron; Paul E. Ferrier, G & M Sales of Delmarva, Salisbury; Robert K. Holland, Perdue, Inc., Salisbury; Dwight King, Select Laboratories, Salisbury; Donald D. Mariner, Hudson Foods, Inc., Berlin; Kent E. Miller, Vineland Laboratories, Delmar; Harry J. Mitchell, Mitchell Farm, Inc., Berlin; Alford J. Olinde, Avian Farms International, Salisbury; Gerald Randolph, Hudson Foods, Inc., Berlin; Dr. Keith E. Rinehart, Perdue Farms, Inc., Salisbury; James N. Shelton, poultry grower, Parsonsburg; Dr. Paul V. Twining Jr., Paul Twining Associates, Inc., Princess Anne; Mark H. Welborn, Tyson Foods, Inc., Snow Hill; Franklin L. Wrenn, Showell Farms, Inc., Showell.

From Virginia: Paul G. Clifford, Bay-Cliff Farm, Atlantic; Carl A. Cold, Tyson Foods, Inc., Temperanceville; Terry Combs, Tyson Foods, Inc., Temperance ville.

From Pennsylvania: Willia, E. Shoffler, Consolidated Rail Corporation, Philadelphia.

Ex-officio board members are Dr. James L. Heath, University of Maryland; Dr. Craig Oliver, University of Maryland; Dr. John C. Nye, University of Delaware; Dr. Julian Brake, Virginia Tech; and Lewis R. Riley, Maryland Department of Agriculture.

Serving as committee chairmen for 1994 are Allied Industry-Earl Murray, American Cyanamid, Berlin, Maryland: Booster Banquet-L. Peter Patrick, Peter Patrick & Associates, Salisbury, Maryland; Breeder and Hatchery-Jerry Shelton, Hudson Foods, Inc., Berlin, Maryland; Emergency Poultry Disease Task Force-Dr. G. Thomas Holder, Allen's Hatchery, Inc., Seaford, Delaware; Food Safety-Dr. Keith E. Rinehart, Perdue Farms, Inc., Salisbury, Maryland; Fund Drive-Dr. Douglas K. Marvil, Showell Farms, Inc., Showell, Maryland; Grower-Kay R. Richardson, Sid Richardson Farm, Willards, Maryland; Grow-Out Management-William G. Massey, Mountaire Farms of Delmarva, Inc., Princess Anne, Maryland; Nutrition and Feed Manufacturing-Dr. Paul V. Twining Jr., Paul Twining Associates, Princess Anne, Maryland; Poultry Health-Dr. Mark A. Dekich, Perdue Farms, Inc., Salisbury, Maryland; Processing-Terry Walden, Allen Family Foods, Inc., Hurlock, Maryland; Research Advisory-Dr. henry M. Engster, Perdue Farms, Inc., Salisbury, Maryland; Transportation-Clifton L. Hicklin, Allen Family Foods, Inc., Hurlock, Maryland.

Walker Praises Maryland Farmers

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Robert L. Walker had high praise for Maryland farmers when he addressed the annual meeting of the Maryland Farm Bureau in Clinton, Md., recently.

"None of the things we do today would be possible without farmers," Walker said.

Walker told the convention that farmers, by producing a dependable food supply, work a miracle on the land each and every day.

"It is you (the farmers), who feed 10 thousand times your numbers across the nation and around the world. It is you, the few, who hold the sacred trust of 50 generations of human civilization, whose labor is the cornerstone of our huge and complex edifice," said Walker.

In recounting the achievements of the Maryland Department of Agriculture during the past year, Walker described the remarkable expansion of marketing efforts both at home and abroad. In addition, he also talked about the concerted effort Maryland farmers have made to install best management practices and prevent nutrient pollution on their farms.

"Farmers are the best environmentalists around. I am proud that Maryland farmers are leaders in the entire Chesapeake Bay restoration effort," he said.

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(Continued from Page C2)

145,000	THOMAS FARMS	HOLSOPPLE PA	B3	85.7
145,000	PLEASANT VIEW FARM	MARION CENTER PA	G3	118.1
146,000	JERRY L POWELL	BUTLER PA	B3	24.1
147,000	SUGAR+DROP FARM	MERCERSBURG PA	3	27.4
147,000	LOWELL C KURTZ	OLEY PA	3	42.0
147,000	DAVID M MAUGLE	CENTERVILLE PA	3	20.3
148,000	PAUL E RUNNINGER	FRANKLIN PA	3	27.1
148,000	BRANSTETTER FARMS	TYRONE PA	B3	94.6
148,000	RICK HARSHMAN	MAYHESBORO PA	3	32.0
149,000	DAVID BERRY	COLUMBIA CROSS RD PA	B3	46.5
149,000	DENNIS+DOUG SMITH	MARTINSBURG PA	3	101.1
149,000	RICHARD E SLATER	FREDONIA PA	G3	35.0
149,000	FRED M GARBER	CHAMBERSBURG PA	3	43.6
149,000	DON&KATHY CORNELIUS	MERCER PA	B3	20.3
150,000	CENTURY OAK FARM	POTTSTOWN PA	B3	97.3
150,000	WILLIAM&ELAINE WOOD	JACKSON PA	B3	51.1

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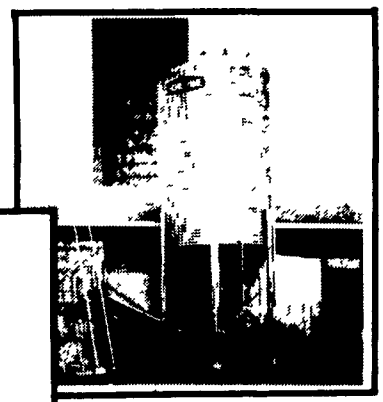

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Livestock Director Describes Cash-Flow Contracts

AMES, Iowa — Pork producers who want to retain their financial and management independence into the 21st century must be willing to give up a bit of their individuality by networking with other pork producers through systems that will provide access to capital, new technology, and markets.

Richard Ellinghuysen, National Farmers Organization (NFO) livestock director, gave that message to a select group of approximately 275 U.S. pork industry leaders participating in a recent symposium on "Networking: Competitive Positioning for Pork Producers." The symposium was coordinated and hosted by the National Pork Producers Council in Des Moines.

"The primary focus of these anticipated networking systems must be profit," Ellinghuysen said. "National Farmers' GroupMarketing+ program, which features a cash-flow contract, is positioned today to become one of those systems in the pork industry network."

Ellinghuysen suggested that "knowing where we are today, where we want to be tomorrow, and using the tools that are available to us, we can have a secure, profitable, and independent future."

He noted that large companies are becoming a part of the pork production business today and that they are getting in to make money, not to become emotionally attached to the pigs. "By managing change, and not just reacting to it, and by thinking a bit differently about pork production, financing and marketing, we independent pork producers can compete and make money, too," he said.

National Farmers' GroupMarketing+ program has three main features, according to Ellinghuysen: (1) It is a group marketing activity that provides market leverage and market access through volume; (2) It features a Pork Improvement Project that uses extensive kill-sheet evaluation and ultrasound evaluation of gilts and boars to improve pork quality; and (3) it features a cash-flow contract that allows the producer to secure the same base price on a portion of his or her hogs for each month up to 12 months into the future.

Ellinghuysen described National Farmers' Cash Flow Contract as "similar to a forward contract, but with one key difference. A forward cash contract covers one group of hogs to be market at a specific time at a preset price. The Cash Flow Contract deals with several groups of hogs to be delivered over a period up to 12 months. All hogs covered by the contract have the same preset price. Our members using the Cash Flow Contract like the steadier cash flow feature."

The NFO livestock department director advised that "before offering to sell hogs on a cash flow contract, we insist that our members evaluate the available price relative to their production costs and cash flow needs. If the margin is acceptable, then they put a portion of their production, usually no more than 10-percent of their anticipated annual production, into a single cash flow contract sale. If prices rally after they sell, they can enter another cash flow contract to lock in another higher uniform price for another increment of their production."

Ellinghuysen concluded that according to an Iowa State University study, 47 percent of Iowa farmers have never used a forward cash contract, 74 percent have never used agricultural commodity options, and 76 percent have never used the futures market for hedging. "These are valuable tools that are going unused. National Farmers' GroupMarketing+ program uses those tools, plus the price-influence of group volume, to give independent pork producers more control of their future. If we network and strive to manage change, we can survive and thrive in the future."

Bradford County Sets Dairy Day

TOWANDA (Bradford Co.) — The Bradford County Dairy Day will be held on Monday, February 21 from 9:30 a.m. to 3:30 p.m. at the Troy Middle School in Troy.

This year's program will include presentations on BST: issues and answers, the pro and cons of manure storage, particle size analysis, and large round bale storage.

Exhibitors and sponsors are being accepted for Dairy Day. The deadline to register to exhibit or sponsor is January 7. Exhibitors will receive a 3 x 8 foot table at Dairy Day. Sponsors will have their name printed on the brochure and have their names announced during Dairy Day.

If any business would like to exhibit or sponsor Dairy Day and did not receive an application form, please call Tom Maloney at the extension office, (717) 265-2896.

There is no charge for farmers to attend. A free roast beef dinner will be served. There also will be ice cream, milk punch, and other dairy products available, in addition to door prizes.

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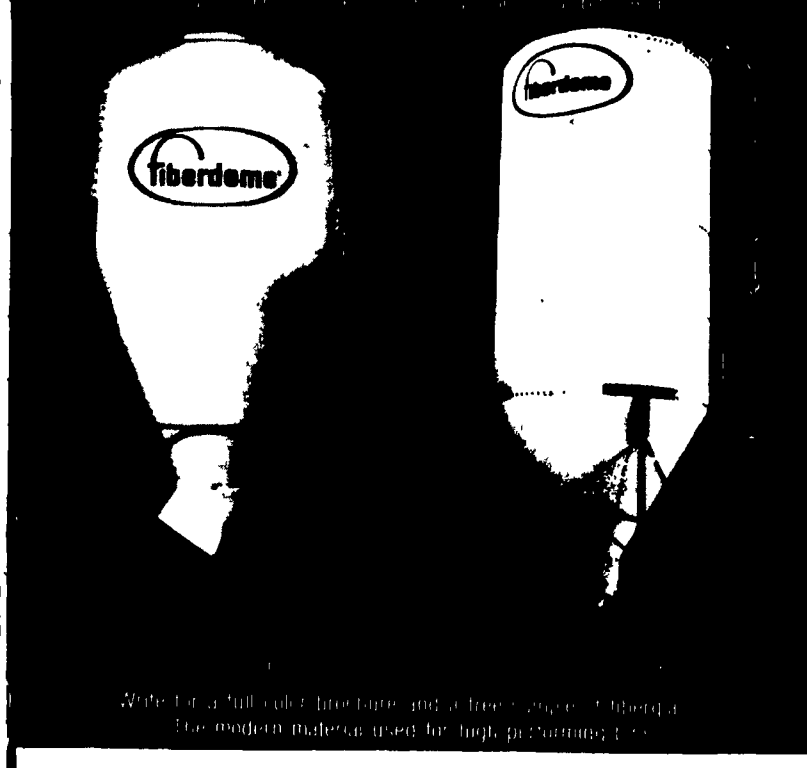

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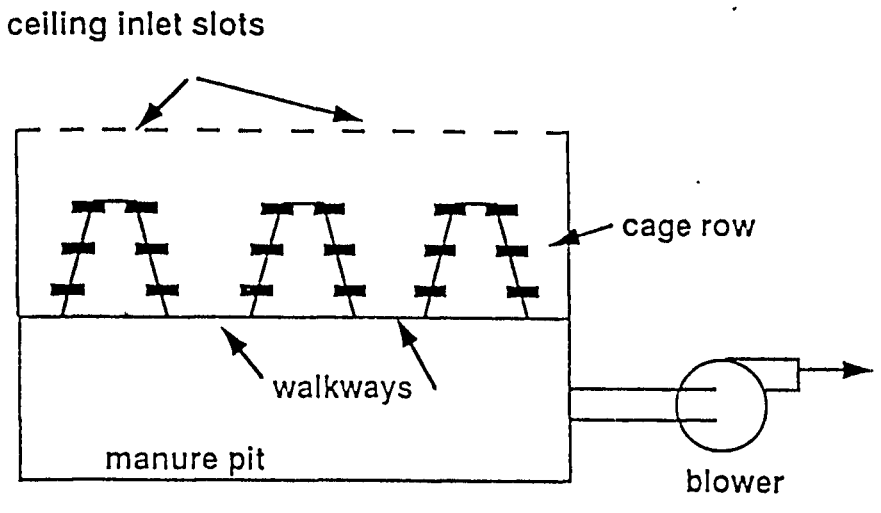
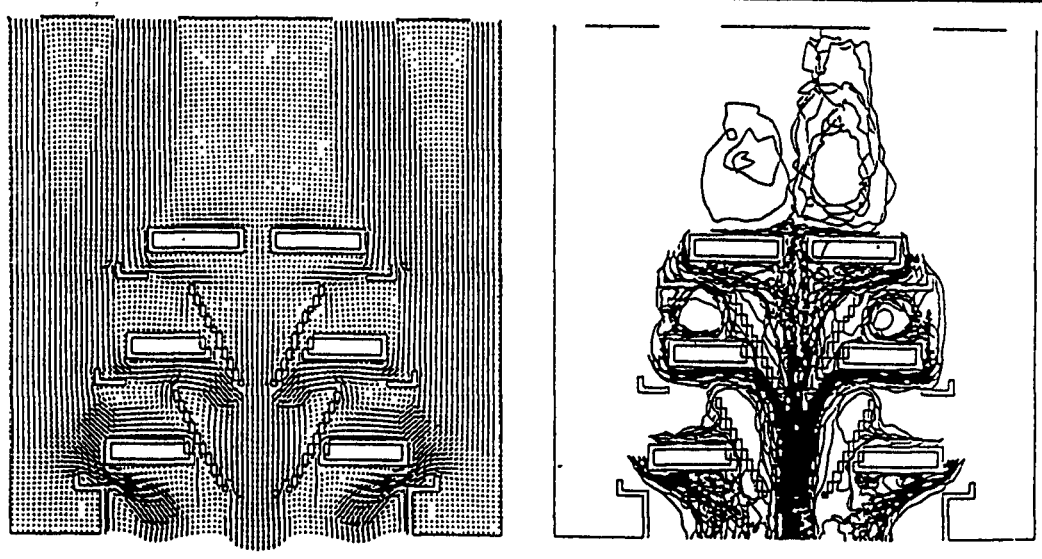


Figure 1. 1/5 scale model ventilation system cross-section.



Predicted Airflow Patterns Random Particle Tracks

Figure 2. Airflow patterns and random particle tracks for multiple slotted ceiling inlet system.

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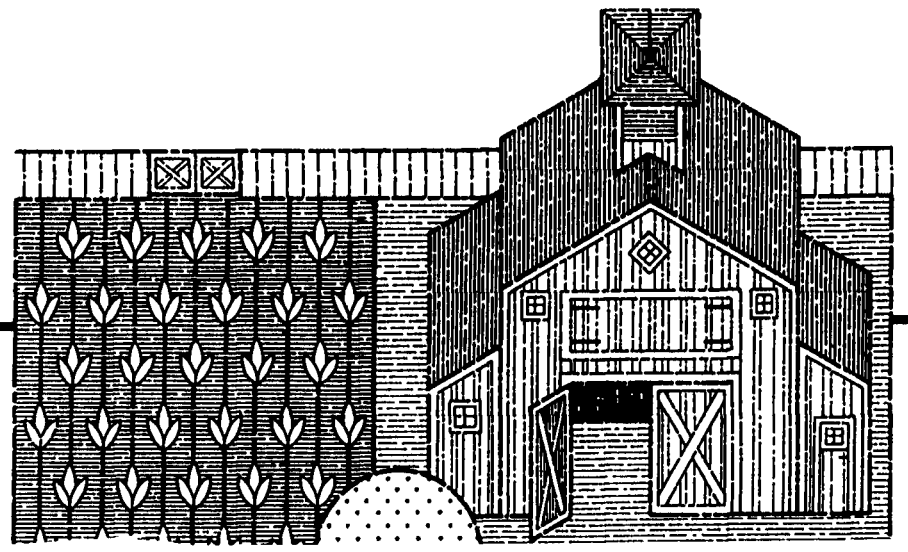

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POULTRY ENVIRONMENTAL CONTROL RESEARCH AT PENN STATE

T. H. D'Alfonso
Ph.D. Candidate
H. B. Manbeck
Professor
Department of Agricultural and Biological Engineering

An environmental control strategy is important for livestock production.

Several factors need to be considered to ensure that a healthy environment exists for the animals to perform optimally.

Different control capabilities exist for a given production house. Systems can range from natural ventilation to computer-controlled mechanical systems.

In any case, the objective is to control, as best as possible, the animal's environment. This means that the air in the production house contains minimal contaminants (dust and gaseous) and is at a temperature conducive to optimal livestock performance.

Recent research at Penn State University has focused on the distribution of air and temperature throughout poultry production buildings. Even though average air exchanges and house temperatures may be adequate, some regions within the facility may contain stagnant, contaminated air or temperature deviations.

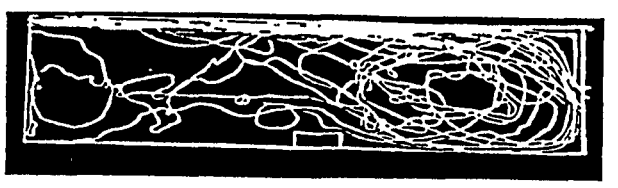
This implies that some of the birds may not experience adequate air quality or environmental temperature. Subsequently, some of the animals may perform poorly. Traditional techniques for planning environmental control schemes typically focus on average air temperature and average air exchanges per animal. New engineering techniques allow for analysis of air flow and air contaminant levels throughout a building, including visualization of air and contaminant patterns around cages.

Maghirang and Manbeck (1993) and Worley and Manbeck (1993) demonstrated such a technique in the analysis of poultry production buildings. Utilizing FLUENT, a fluid dynamics computer modeling program, it was shown that engineers could predict air flow patterns and contaminant concentration levels quite reliably.

The production building prototype under consideration by Maghirang and Manbeck (1993) was a 10-meter (32.8-foot) wide, 2.5-meter (8.2-foot) high floor-managed system, and was ventilated by side-wall exhaust fans and

(Turn to Page C8)

Observed:



Predicted:

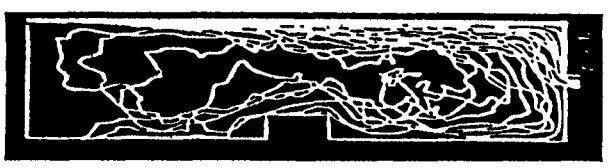


Figure 3. Trajectories of bubbles injected at the inlet of flow system.

Business News

Insecticide Gets New Package, Formulation

WHITE PLAINS, N.Y. — Force 1.5-G soil insecticide for corn will have new, improved packaging and formulation for 1994, according to Zeneca Ag Products.

Zeneca will also have 50 percent more Force available than was on the market last year, to meet increasing demand for the product.

David Walton, product manager for soil insecticides at Zeneca, said Force will be packaged in heavy-duty plastic bags for 1994.

The weatherproof bags feature a skid-resistant surface, a special flap for lifting, and an easy-to-open spout that empties the bag quickly and completely.

"We looked at packaging in the market and got advice from farmers on how to improve it," Walton said. "The plastic bag is user-friendly. Combined with the new, low-dust formulation, it minimizes potential exposure to handlers."

All Force for 1994 will also be formulated on montmorillonite clay granules, which Walton said are harder and more resilient than the original gypsum-based granules.

"The new low-dust formulation, first introduced in Dyfonate II, is produced with a special process which is unique to Zeneca," Walton said. "The formulation has a lot less dust and will flow through equipment better than the gypsum formulation. Growers who field-tested it in 1993 were enthusiastic about it."

Force is packaged in a newly designed heavy-duty plastic bag. The weather-proof bag features a skid-resistant surface, a special flap for lifting, and an easy-to-open spout.

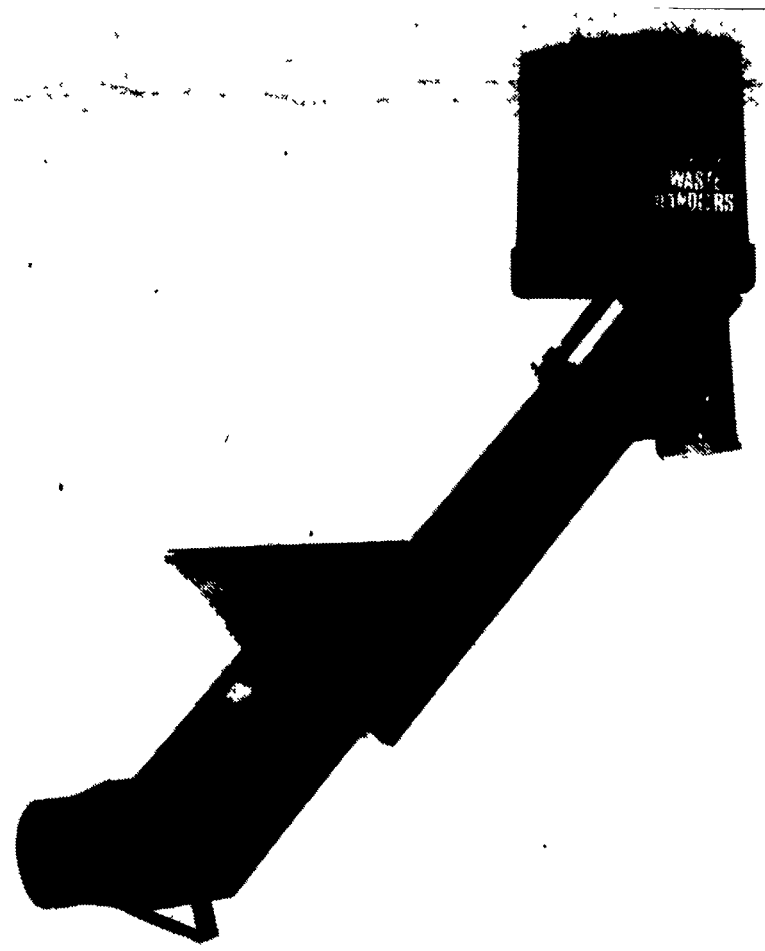
As a pyrethroid, the product controls a broad spectrum of soil insects with just one-tenth the amount of active ingredient found in other soil insecticides, he said. Force is labeled for control of rootworm, black cutworm, wireworm, white grub, seedcorn maggot, and seedcorn beetle.

This broad spectrum fits the conservation tillage movement. "Black cutworm, for example, becomes a greater threat when growers reduce tillage," Walton said.

Force is also harmless to earthworms in field use — another plus in conservation tillage. It doesn't harm birds, and has low toxicity to humans. And tefluthrin, the active ingredient, has low water solubility and low soil mobility — minimizing its potential to reach groundwater, according to Walton.

And very important these days, Force doesn't interact with Accent or Beacon herbicides to cause corn injury. "It allows farmers to keep their options open for rescue herbicide treatments" Walton said.

For more information on Force, call your local farm chemical dealer or call Zeneca Ag Products at (800) 759-2500.



Van Dale Waste Handlers recently introduced its newest generation of manure transfer pumps.

The design for this new generation of Manure Transfer Pumps consists of a hollow cast iron piston in a formed-steel chamber, built extra heavy to provide years of service. The piston's up and downstroke action opens and closes gates to draw and push manure through a chamber gate. Raker teeth pull the straw into the chamber and speed up manure flow.

Waste Handlers Introduces Manure Transfer Pumps

FORT ATKINSON, Wis. — Van Dale Waste Handlers recently introduced its newest generation of manure transfer pumps. The pumps feature a three-year extended warranty.

The design for this new generation of Manure Transfer Pumps consists of a hollow cast iron piston in a formed-steel chamber, built extra heavy to provide years of service. The piston's up and downstroke action opens and closes gates to draw and push manure through a chamber gate. Raker teeth pull the straw into the chamber and speed up manure flow.

More dependable than hydraulic or air pressure systems, the pump is constructed with 30,000 P.S.I. cast iron, giving the precision ground pistons superior wear qualities to withstand the pressure of working against the steel chamber wall. Close tolerance provides a tighter fit with less "blow by" and outstanding pumping efficiency. And since the piston never leaves the cylinder chamber, no foreign material can get between the piston and chamber to cause damage.

Van Dale Waste Handlers' new generation of Manure Transfer Pumps are also designed for easy and flexible installation in both new and existing setups.

Van Dale Waste Handlers is a division of J-Star Industries, Inc. For more information about the new generation of Manure Transfer Pumps, contact Dean Hanke, Van Dale Waste Handlers, 801 Janesville Avenue, Fort Atkinson, WI, 53538, (414) 563-5521.

Deere Captures Nine Awards

MOLINE, Ill. — Nine innovative designs developed by John Deere engineers are among the 50 outstanding new developments in technology recently recognized by Agricultural Engineering, the magazine of the American Society of Agricultural Engineers (ASAE).

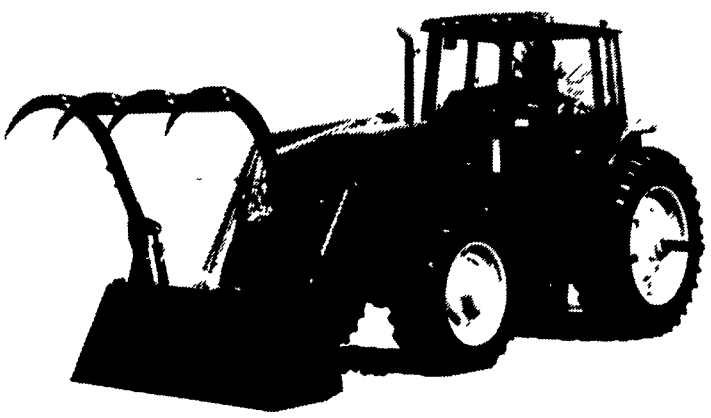
This marks the first time any company has received nine AE 50 awards in one year, eclipsing the former six-award precedent set last year — also by John Deere. Agricultural Engineering has featured the AE 50 for the last eight years.

The John Deere designs listed among "The Agricultural Engineering 50" outstanding innovations in product or systems technology include the 6000 and 7000 Series tractors from 66 to 145 horsepower, the 9965 cotton picker, the 6500 self-propelled sprayer, the 550 Mulch Master, the 400 Series lawn and garden tractors, and the 7.6-liter natural gas engine.

Components and systems of John Deere products that received AE 50 recognition are the cushioned unloading-auger swing cylinder and the rotary-screen rake bar system on Maximizer combines, and the tractor draft-force sensor used on John Deere 4-wheel-drive tractors equipped with an electrohydraulic 3-point hitch.

A national panel of engineering experts selects the AE 50 each year. The panel considers the technological contribution of each entry and how the design applies technology to benefit farmers and others by reducing cost, enhancing quality and profitability, and increasing American agriculture's competitive position.

Loader For Mid-Range Tractors



GREAT BEND, Kan. — The GB 860 HI-Lift Quick Attach Loader is for mid-range tractors from 75 HP up to 180 HP, and features a strong 6-½ inch and 4-½ inch dual torque tube frame.

This new GB unit loads and stacks both large and small hay packages on trucks or in storage. Lift height is 15 feet. A narrower loader mainframe provides better visibility to the bucket or other attachments.

The GB Q.A. adapter and tractor hood guard, with reversible front cross over frame which provides two position precision, are standard equipment. Quick attachments available are the bale probe, pallet fork, manure fork, dozer blades, and grapple fork. All 860 loaders can be painted to match your tractor at no extra charge.

For more information, call (800) 825-1701, or write Great Bend Manufacturing Co., Inc., Box 828, Great Bend, KS 67530.

Gehl Introduces Swing-Frame Mower-Conditioners

WEST BEND, Wis. — Gehl offers two new swing-frame mower conditioners, the Model 2245 and 2275.

With cutting widths of 12 feet 3 inches and 14 feet 3 inches, both models feature center-pivot maneuverability and 109-inch conditioning rolls.

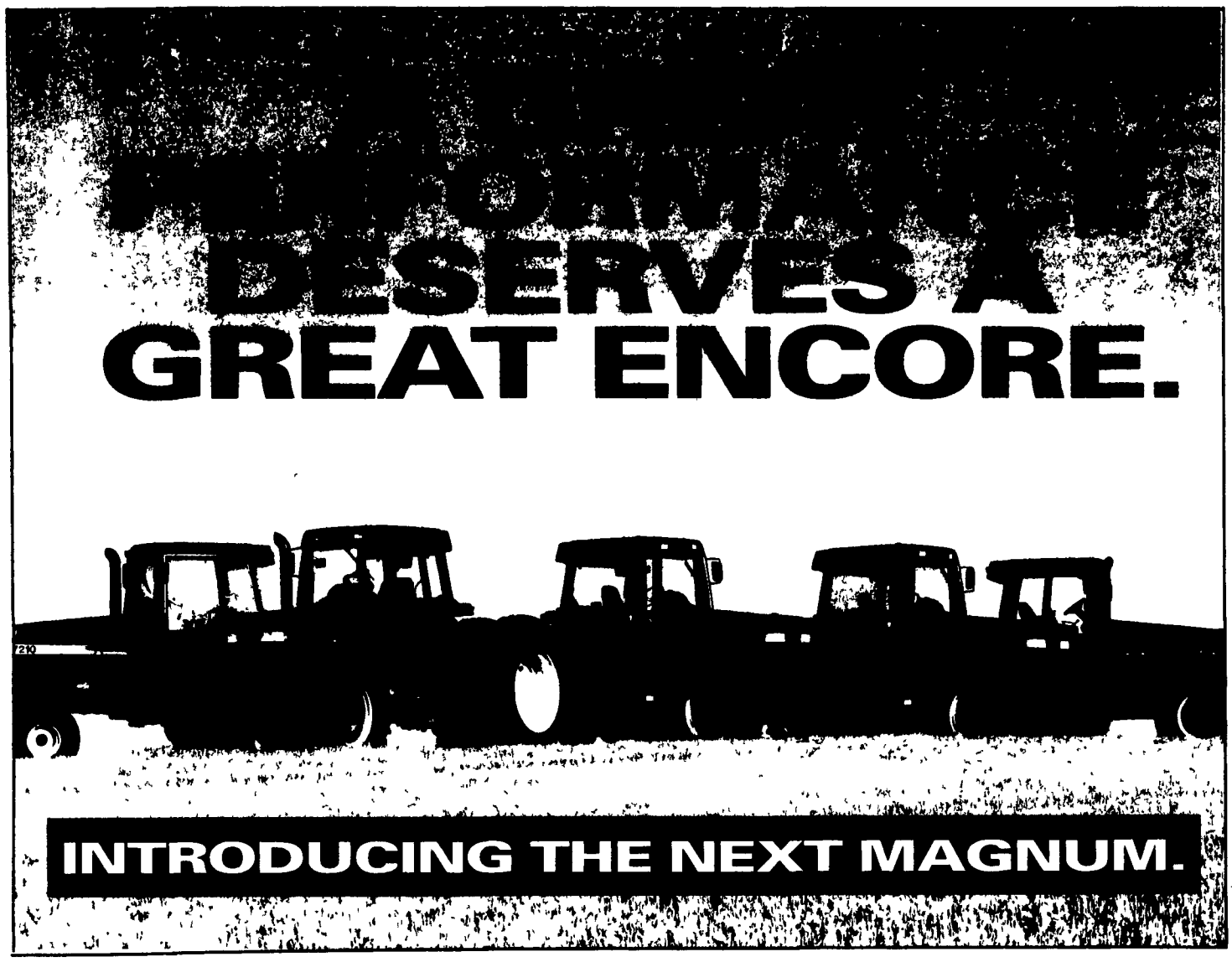
A simple, total hydraulic drive system means smooth operation and low maintenance. One lever adjusts the forming chamber to create high standing fluffy windrows or uniform full-width swaths.

For more information on Gehl's entire hay tool line, see your local Gehl dealer or write to Gehl Marketing Services, 143 Water Street, West Bend, WI, 53095.

Gehl offers two new swing-frame mower conditioners, the Model 2245 and 2275.

With cutting widths of 12 feet 3 inches and 14 feet 3 inches, both models feature center-pivot maneuverability and 109-inch conditioning rolls.

Best Values in New Equipment



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Scholarship Fund Nears Goal

LANCASTER (Lancaster Co.) — The Clyde S. Robison Memorial Scholarship Fund established in Penn State's College of Agricultural Sciences has raised nearly $23,000 of its first-year goal of $25,000.

The Scholarship Committee, chaired by N. Alan Bair, is looking for additional contributions to fully endow the fund by year's end. Achieving the $25,000 minimum will allow the first scholarship to be awarded in September 1994.

The scholarship will benefit full time first and second year undergraduates in Penn State's College of Agricultural Sciences, with preference given to those who express an interest in farming as a career. Students who remain eligible may receive the scholarship more than once.

Robison was a Washington County dairy farmer, who was well-known throughout the state by his service in a wide variety of farm organizations. He died unexpectedly in 1992.

"The fund has been established in his memory to perpetuate the ideals for which he stood — leadership, determination, and progressive agriculture," Bair said. "The committee is pleased with the response to the appeal for funds for the scholarship, and encourages individuals and organizations who have not contributed to help meet the immediate goal for endowment."

Contributions may be sent to the Clyde S. Robison Scholarship Fund, 232 Agricultural Administration Building, University Park, PA 16802. Checks should be made payable to Penn State.

Poultry Pointers

(Continued from Page C5)

an inlet at the top of the opposite side-wall. A 1/5 scale model of the prototype was constructed of Plexiglas so that particle motion could be observed and filmed.

Small-scale models are advantageous because they can easily be modified and large amounts of data can be collected. Worley and Manbeck (1993) studied airflow through a caged-layer facility ventilated by negative pressure and ceiling inlets. The ceiling of the model was modified to study single slotted inlets, multiple slotted inlets, and porous ceiling inlets.

Figure 1 is a schematic of the multiple-slotted ceiling inlet system. Airflow over a typical cage row was modeled using FLUENT and compared to random particle tracks. Figure 2 shows predicted airflow patterns and random particle (dust) tracks for the best ceiling slot-inlet system. Figure 3 shows predicted and observed trajectories of particles for a typical wall slot-inlet system.

There are definite economic advantages to improved environmental control in livestock production houses. Decisions as simple as which baffles to open or which fans to run can have a tremendous impact on air quality throughout the production building.

Advances in computer technology allow for complex engineering models to be efficiently applied to problems like these. Agricultural and biological engineers, in cooperation with poultry management faculty at Penn State, are utilizing these tools effectively and are interested in making livestock production more profitable.

References

Maghirang, R. G. and H. B. Manbeck. 1993. Modeling particle transport in slot-inlet ventilated airspaces. Transactions of the ASEA 36(5):1449-1459.

Worley, M. S. and H. B. Manbeck. 1993. Modeling contaminant concentrations in ceiling inlet ventilation systems. Paper No. 93-3012, American Society of Agricultural Engineers. St. Joseph, MI.

Trade Agreements Raise Prospects

ANNAPOLIS, Md. — According to Maryland Secretary of Agriculture Robert L. Walker, the successful conclusion of the negotiations on the General Agreement on Tariffs and Trade (GATT) combined with the recent approval of the North American Free Trade Agreement (NAFTA) offer excellent prospects for the expansion of the exports of Maryland agricultural and food commodities.

"These trade agreements could not have come at a better time for Maryland food businesses. With Governor William Donald Schaefer's leadership, we have been working tirelessly during the last several years to make contacts in the international marketplace. Our hard work has been paying off. Now with these trade agreements, there will be greater opportunities for growing overseas markets for what we produce in Maryland," Walker said.

"The GATT paves the way for the elimination of trade barriers around the world. Maryland food producers can look forward to having their products welcomed and available to consumers worldwide at a fair price," said Walker.

As Maryland's Agriculture Secretary, Walker has been a strong proponent of international trade. Under his leadership Maryland agricultural products are now exported around the globe. Examples include wine to Canada and Japan, apples to Venezuela, Christmas trees to Puerto Rico, corn meal and bakery products to the United Kingdom, fruit juices to Denmark, honey to Saudi Arabia and jams and jellies to the Caribbean and Central America.

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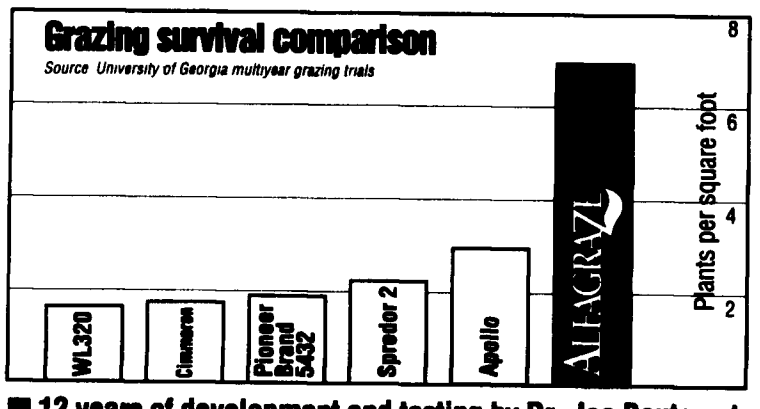

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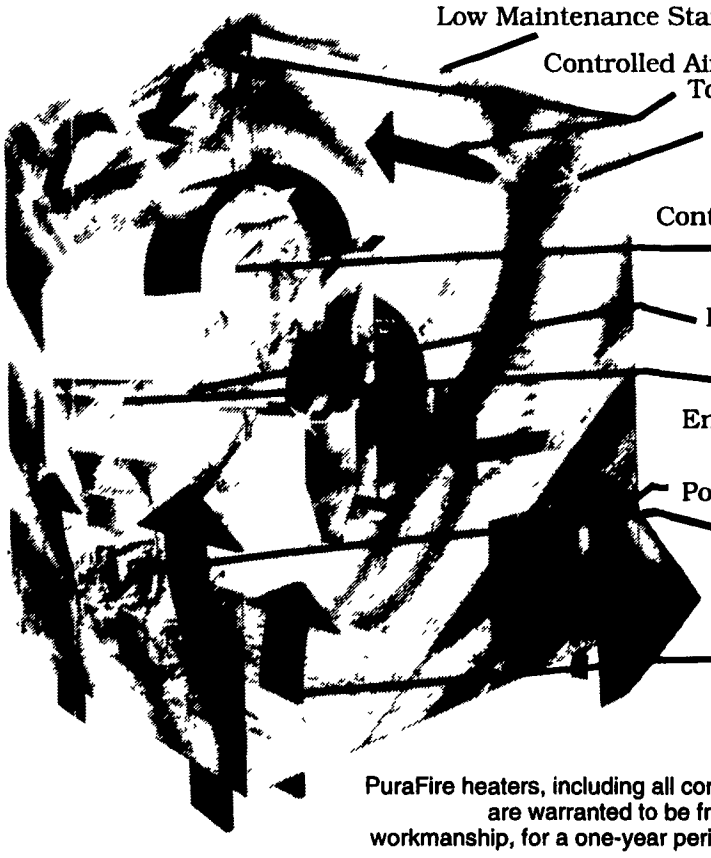

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Top Pennsylvania DHIA Cows By Breed For November

The top protein producing cows in Pennsylvania DHIA Herds for November are listed by breed as follows:

AYRSHIRE

Farm Name	Barn Name	Re Reg	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
ARDROSSAN FARMS	PWIZGIG		04-11	3	DHIR	305		33124	3.1	1024	4.1	1365
ARDROSSAN FARMS	BIRDEYE		05-04	4	DHIR	305		25035	3.6	913	4.4	1111
C C & HAROLD C RADER	VANNA		05-06	4	DHI	305		24022	3.7	888	4.0	959
CHARLES-DON GABLE	KELLIE		07-02	5	DHIR	305		24364	3.6	882	4.3	1041
ARDROSSAN FARMS	T EYES		02-04	1	DHIR	305		24638	3.6	879	4.3	1048
ARDROSSAN FARMS	M-POOLM		07-09	6	DHIR	305		24761	3.4	845	3.9	958
ARDROSSAN FARMS	WROSLIE		03-05	2	DHIR	305		25190	3.3	826	3.5	879
ARDROSSAN FARMS	T-ROSE		06-04	4	DHIR	305		25836	3.2	824	4.1	1054
PLUM-BOTTOM FARM	DALLAS		04-06	3	DHIR	305		25215	3.2	816	4.1	1023
ARDROSSAN FARMS	APR-VUE		07-05	6	DHIR	305		25059	3.2	811	3.7	934
PLUM-BOTTOM FARM	CAMORE		06-09	5	DHIR	305		23669	3.4	796	3.6	841
CHARLES-DON GABLE	MONACA		05-05	4	DHIR	305		23666	3.3	787	4.0	938
ARDROSSAN FARMS	MONSUCH		05-04	3	DHIR	305		25569	3.1	781	3.9	1006
ARDROSSAN FARMS	L-NOMAD		06-07	5	DHIR	294		24847	3.1	777	4.1	1020
PLUM-BOTTOM FARM	PHO		03-03	2	DHIR	305		20440	3.8	776	3.9	794
ARDROSSAN FARMS	MORELLA		03-08	2	DHIR	305		24051	3.2	774	4.1	996
CHARLES+DEBRA YOUNG	GEMBROS		05-08	3	DHIR	305		19426	3.9	761	4.3	841
PLUM-BOTTOM FARM	MONO		07-05	5	DHIR	305		23539	3.2	760	3.6	854
ARDROSSAN FARMS	B PEARL		03-05	2	DHIR	305		24353	3.1	758	3.9	938
ARDROSSAN FARMS	M-ROSE		07-04	5	DHIR	301		23487	3.2	757	4.3	1005
HAROLD R KULP	T-BELLE		06-01	4	DHIR	305		22634	3.3	757	4.0	907
ARDROSSAN FARMS	LOV VUE		03-04	2	DHIR	305		24053	3.1	755	4.1	987
ARDROSSAN FARMS	SNOGIRL		04-07	3	DHIR	305		24226	3.1	747	3.7	898
ARDROSSAN FARMS	CAV EVN		04-05	3	DHIR	299		24304	3.1	747	3.9	949
CHARLES-DON GABLE	JANICE		04-06	3	DHIR	305		22855	3.3	747	3.9	889

GUERNSEY

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
TROTACRE FARM	27	05-07	4	DHIR-APCS	305		28376	3.2	909	3.9	1110
LISETER FARM	GAIL	04-11	3	DHIR-APT	305		25001	3.5	887	4.5	1134
RUTTER BROS	BECKY	05-09	4	DHI-APT	305		24451	3.5	849	4.3	1047
ROMELLA FARMS	MENCOW	04-05	3	DHI-AP	305		27820	3.0	826	2.5	706
TROTACRE FARM	BLAIR	03-07	2	DHIR	303		20650	3.9	814	4.8	992
TROTACRE FARM	287	05-00	3	DHIR	305		23635	3.4	801	3.5	834
RUTTER BROS	LESLIE	05-06	4	DHI-APT	305		20096	4.0	794	5.2	1045
RUTTER BROS	DORIE	04-08	3	DHI-APT	305		21735	3.5	768	6.3	1367
LYLE+LAUREEN WRIGHT	LINDA	06-11	6	DHI-APT	305		20460	3.7	756	4.5	919
JOHN MORROW	159	07-07	5	DHI	305		24132	3.1	754	4.1	994
JOHN MORROW	199	06-09	5	DHI	305		22212	3.4	749	4.4	971
JOHN MORROW	276	04-02	3	DHI	305		23100	3.2	745	3.4	789
AXEL LINDE+M WIDMANN	OJULIE	04-02	3	DHIR	305		20960	3.5	744	4.7	994
WILLOW BROOK GUERNSY	JENNIFR	04-06	0	DHI-APCS	305		22955	3.2	744	4.1	950
KATHLEEN S KERBER	LYDIA	03-07	2	DHI-AP	305		23154	3.2	739	3.7	855
TROTACRE FARM	DOLLY	04-02	3	DHIR	305		21812	3.4	739	4.3	935
TROTACRE FARM	DAILY	02-03	1	DHIR	305		23481	3.1	736	3.5	818
AXEL LINDE+M WIDMANN	BEATRI	04-01	3	DHIR	305		21680	3.4	733	4.3	928
AXEL LINDE+M WIDMANN	SNOOPY	02-10	2	DHIR	305		20800	3.5	733	4.1	856
CEDAR FRINGED FARM	ILLEEN	06-03	5	DHI	305		20860	3.5	730	4.7	971
AXEL LINDE+M WIDMANN	KLAUDI	03-03	2	DHIR	305		20720	3.5	726	4.7	973
RICHARD O SMITH	JESSY	04-03	3	DHIR	305		20911	3.5	723	4.4	923
RUTTER BROS	WINNIE	02-02	1	DHI-APT	305		19559	3.7	721	4.6	901
TROTACRE FARM	SAPPHIR	03-11	2	DHIR	305		19840	3.6	716	4.2	829
KERMIT KAHLER	GERTIE	05-04	3	DHI-AP	305		19477	3.7	715	4.7	924

HOLSTEIN

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
FREDERICK FARMS	68	05-02	4	DHI-AP	305	305	37576	3.4	1281	3.9	1463
ROTHROCK GOLDEN HOL	FLEA	05-11	2	DHIR	305		37612	3.3	1243	3.2	1204
CARL A FARMS INC	PEPPER	05-04	4	DHI-AP	305	59	40502	3.1	1236	3.2	1278
EM-TRAN INC	SILVER	02-04	1	DHIR	288		30450	4.1	1234	4.8	1463
ANDREW D STOLTZFUS	SPRINT	03-09	2	DHIR	305		38552	3.2	1227	3.4	1309
MEYERS BROS DAIRY	729	04-08	3	DHIR-APT	305		36018	3.3	1196	3.5	1274
MARILYN+DUANEHERSHEI	AVIS	04-02	3	DHIR	305		35742	3.3	1193	2.3	819
KEYSTONE FARM	LESA	06-11	5	DHIR	305		38430	3.1	1183	3.9	1499
RICHARD R HIGLEY	BANJO	07-06	5	DHIR	305		35462	3.3	1177	3.7	1307
ROB&DONNA VANBLARCOM	66	05-02	4	DHI-APCS	305	305	38205	3.1	1174	3.2	1212
FREDERICK FARMS	69	04-03	3	DHI-AP	305	305	35791	3.3	1172	4.1	1458
MARSHALL M WATKINS	R37	05-00	6	DHI	305		36500	3.2	1171	3.1	1146
KEYSTONE FARM	BARBIE	04-05	3	DHIR	305		33792	3.4	1157	3.8	1271
TIMOTHY R PEACHEY	EMBER	04-04	3	DHI	305		33501	3.4	1153	3.7	1252
KARL MILLER	266	05-04	4	DHI-AP	305		33506	3.4	1153	1.8	598
NORTH VIEW FARM	CHICK	03-04	2	DHIR-APCS	305	305	36622	3.1	1151	2.8	1024
FREDERICK FARMS	53	05-03	4	DHI-AP	305	305	40581	2.8	1151	2.8	1130
TITUS & DAVID RISSER	50	07-04	5	DHI	305		36747	3.1	1150	4.0	1488
JAMES D DUNN	LILLIAN	04-09	3	DHIR	305		47793	2.4	1149	4.1	1965
NORTH VIEW FARM	MARLEN	03-02	2	DHIR-APCS	305	305	36204	3.2	1148	2.6	955
VINCENT A WAGNER	138	07-01	5	DHIR	305		37976	3.0	1136	3.2	1213
NOAH B SHARP JR	FLO	05-09	4	DHI	305		33588	3.4	1136	3.3	1095
JAMES D DUNN	PEARL	02-11	2	DHIR	305		33239	3.4	1136	3.4	1130
MARSHALL M WATKINS	Y456	05-07	3	DHI	305		35570	3.2	1134	3.7	1332
HILLWOOD FARM	DELIGHT	03-00	2	DHI	305		33304	3.4	1132	3.9	1293

JERSEY

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
CAMPBELL+RUN JERSEYS	622	05-06	4	DHIR-APT	305		25886	3.8	980	4.9	1267
JACK THOMAS SR	BLOSSOM	02-10	2	DHI-APT	305		24154	4.0	972	5.1	1227
RANKIN FARM	BAMBI	05-05	4	DHIR	305	180	26497	3.4	895	4.7	1254
RANKIN FARM	LOVE	06-06	5	DHIR	305	253	25157	3.5	892	4.7	1182
JACK THOMAS SR	MARMALA	03-10	3	DHIR-APT	305		20896	4.2	884	4.9	1021
CAMPBELL+RUN JERSEYS	24	06-10	5	DHIR-APT	305		23992	3.7	882	4.2	1010
RANKIN FARM	HOLLY	04-00	3	DHIR	305	60	21332	4.0	849	5.1	1085
STAR POINT JERSEYS	OOMARI	07-02	6	DHIR	305		21670	3.8	814	4.4	957
GRAYWOOD FARMS	000307	06-00	4	DHI	305		24450	3.3	814	3.5	854
ROMAR JERSEY FARM	CUTIE	04-03	3	DHIR-APT	305	305	20609	3.9	813	5.2	1078
RALPH + GARY OAKES	HOPE	05-05	0	DHI	305		22271	3.6	809	4.3	958
BYERS FARMS	08 23S	09-08	8	DHI-APCS	305		23132	3.5	806	4.6	1060
LITTLE POND FARM	NELL	04-05	0	DHIR	305		22060	3.6	805	4.4	971
THOMAS ARROWSMITH	OOESTE	06-08	5	DHI	305		20440	3.9	804	4.9	1003
GERALD MOOSE	49	05-06	4	DHIR-APCS	305	230	22359	3.6	799	4.1	916
GERALD MOOSE	46	04-08	3	DHIR-APCS	305	211	22339	3.6	797	4.4	993
THOMAS ARROWSMITH	OOOTKE	10-02	7	DHI	305		20290	3.9	793	4.5	903
IRISHTOWN ACRES	G123	05-07	5	DHIR	305		20404	3.9	790	5.1	1049
JACK THOMAS SR	GEM	05-01	4	DHI-APT	305		18948	4.2	790	4.7	899
VAN DE JERSEY	VERONIC	03-05	2	DHIR-APCS	305		19619	4.0	788	5.6	1101
ROBERT C DREISBACH	486	07-09	6	DHIR	305		22576	3,5	787	4.2	958
ROBERT C DREISBACH	587	05-11	5	DHIR	305		20200	3.9	787	5.1	1026
KURTZ DAIRY FARM	BAMBI	05-04	4	DHI	305		20303	3.8	781	3.8	762
XANADU JERSEYS	MAYSTAR	04-10	0	DHI-AP	305	245	20555	3.8	778	4.7	966
RANKIN FARM	MILLY	03-11	3	DHIR	305	305	21817	3.6	776	4.4	963

BROWN SWISS

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
BRUCE R HEILINGER	LUCIOUS	03-01	2	DHIR	305		27407	3.6	998	3.1	837
BRUCE R HEILINGER	LYNETTE	04-07	3	DHIR	305		30696	3.2	983	4.0	1217
J L & H F KENNEDY	HELEN	06-03	5	DHIR	305		24260	3.8	911	3.5	843
BURKET FALLS FARM	556	04-07	3	DHIR	305		25764	3.5	910	4.1	1060
DEAN&BRENDA DAUBERT	JILLIAN	07-07	6	DHIR	305		25011	3.5	878	3.0	741
GARY LEE MASE	DANDY	09-04	7	DHIR	305		24332	3.6	869	3.4	824
ADAM S & JANICE DERR	JUDY 72	05-03	3	DHI	305	305	24173	3.6	859	3.7	890
GARY LEE MASE	MARIETE	06-09	4	DHIR	305		26364	3.3	858	3.4	885
DONALD B TRIMBLE	MARCIU	03-07	2	DHIR	305		22060	3.9	855	4.6	1004
DONALD B TRIMBLE	ONIKKI	05-02	4	DHIR	305		24120	3.5	851	3.9	943
BLAIR+CAMMY YURKANIN	GLADE	05-02	4	DHIR	305		22910	3.7	849	3.8	880
BRUCE R HEILINGER	MITOSHA	03-01	2	DHIR-APT	303		24980	3.4	846	2.9	735
DEAN&BRENDA DAUBERT	SHAMOO	08-07	7	DHIR	305		24595	3.4	840	3.5	856
DEAN&BRENDA DAUBERT	MARIA	03-05	2	DHIR	305		22680	3.7	836	3.5	804
DONALD B TRIMBLE	MUZZLE	08-11	7	DHIR	305		22320	3.7	835	4.3	965
BLAIR+CAMMY YURKANIN	JANESSA	04-03	3	DHIR	305		23755	3.5	832	3.3	786
DEAN&BRENDA DAUBERT	HOLYBER	06-03	5	DHIR	305		23395	3.6	831	2.9	686
KURTZ DAIRY FARM	HEIDI	05-01	3	DHI	305		24966	3.3	831	3.4	846
BLAIR+CAMMY YURKANIN	JANE	05-11	4	DHIR	305		23249	3.6	830	3.7	869
GARY LEE MASE	LENA	13-00	9	DHIR	305		23338	3.5	822	3.8	894
WILLIAM R DAUBERT	MAE	05-09	4	DHIR	305		24672	3.3	821	3.7	910
R WRIGLESWORTH & SON	DILLIE	05-02	4	DHI	305		26318	3.1	815	3.7	972
GARY LEE MASE	JACINDA	04-11	3	DHIR	305		22899	3.5	807	3.4	773
NORTHKILL CREEK FARM	NIKKI	09-05	7	DHI-AP	305		21934	3.6	798	4.0	874
TWIN MAPLE FARM	174	08-06	5	DHI	305		22563	3.5	792	4.3	968

(Turn to Page D2)

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11- Swine
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13- Hog Eq. & Supplies
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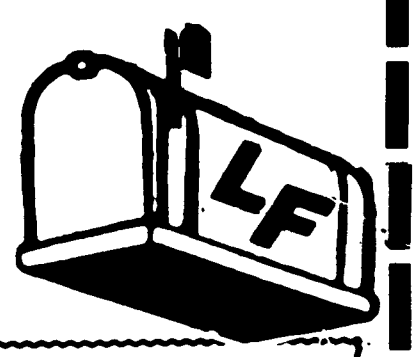

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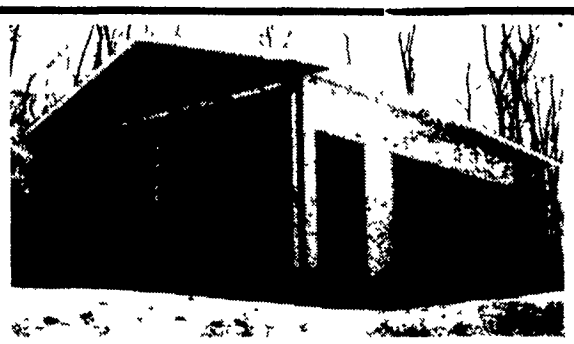

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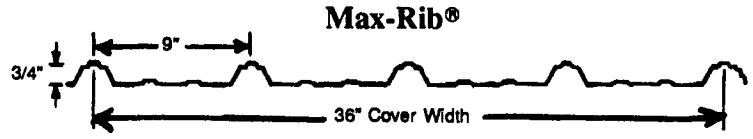

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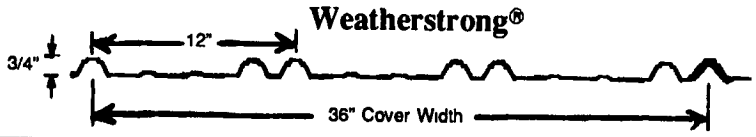

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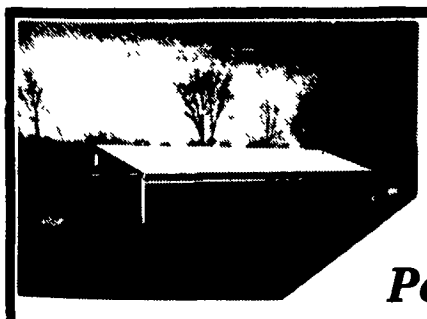

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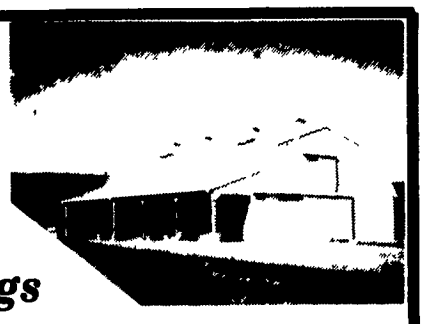

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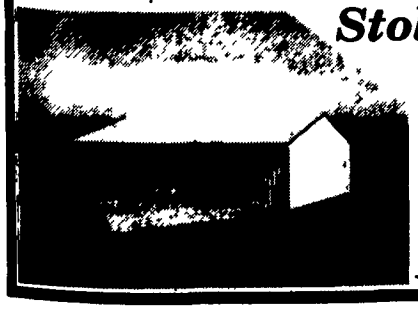

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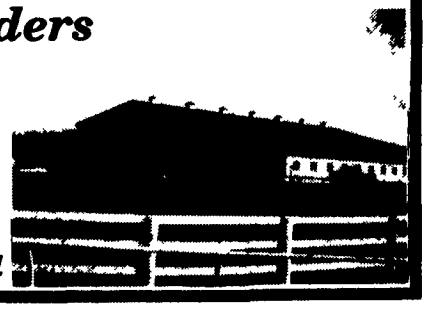

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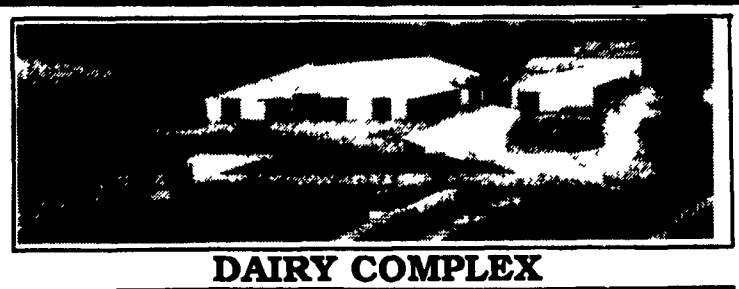

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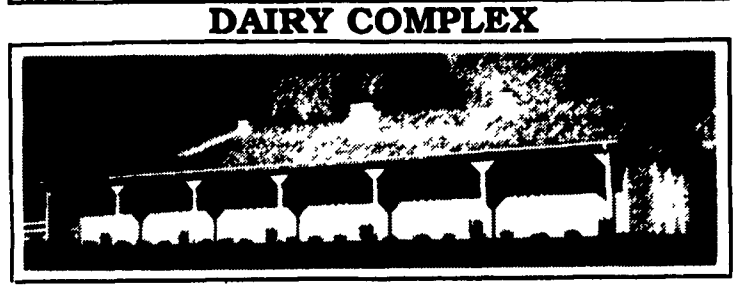

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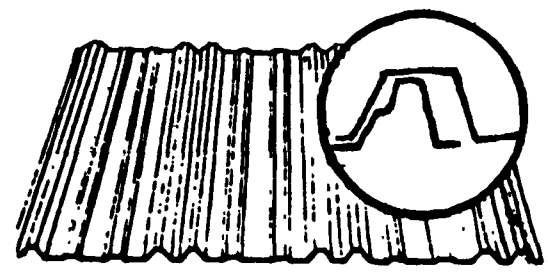

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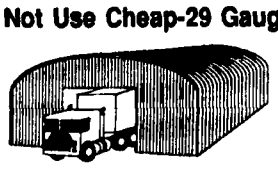

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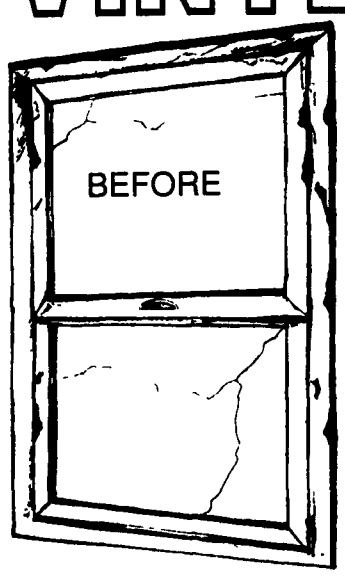

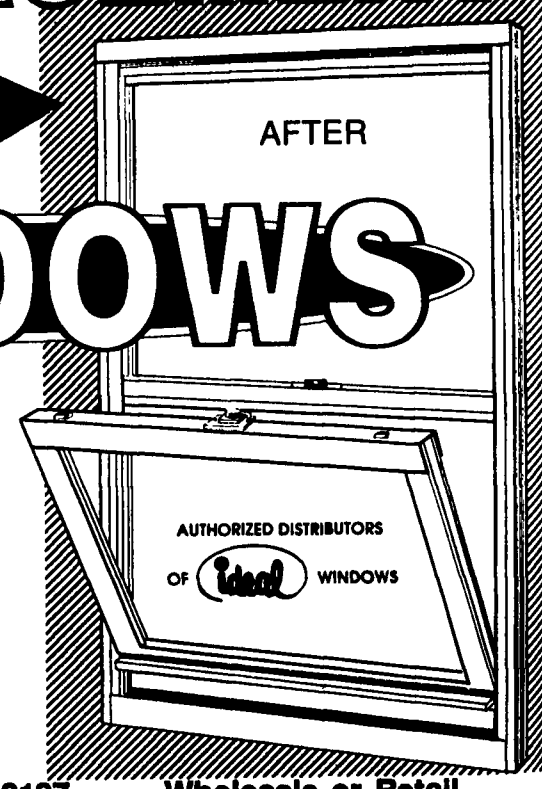

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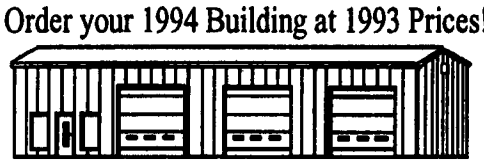

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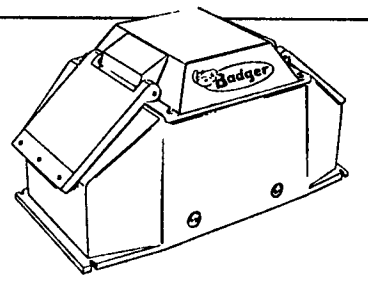

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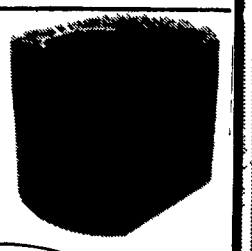

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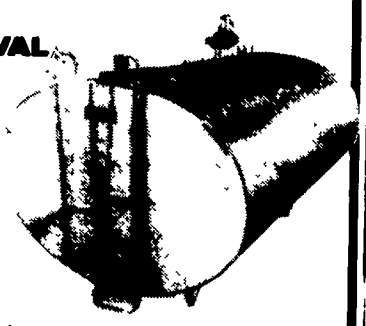

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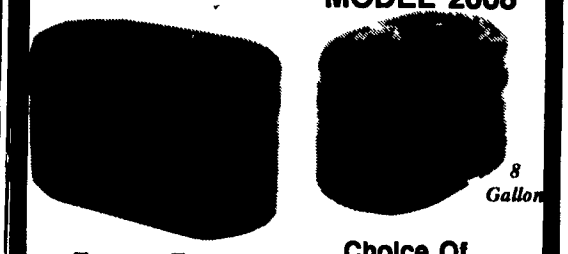

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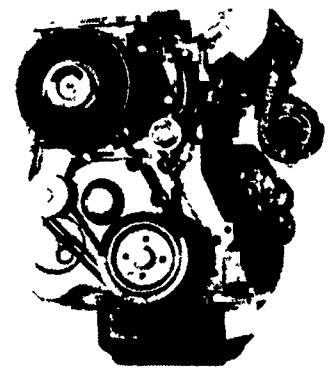
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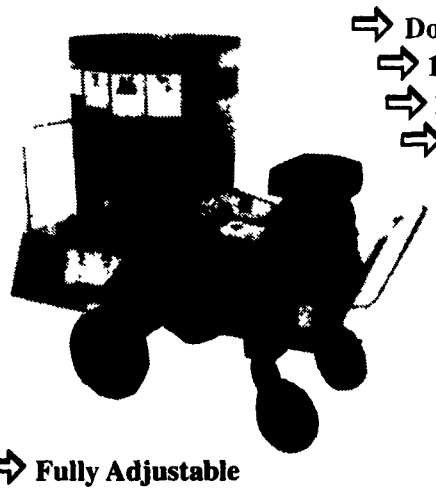
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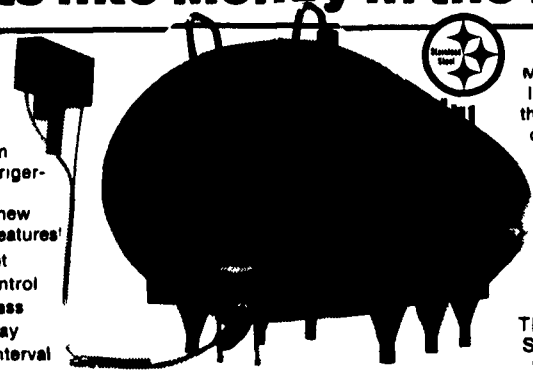
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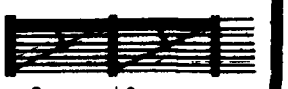

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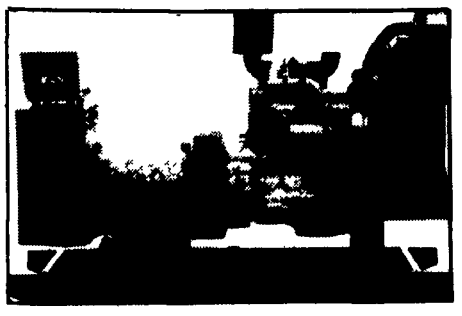

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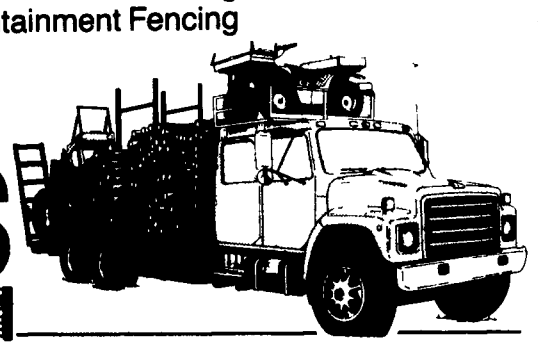

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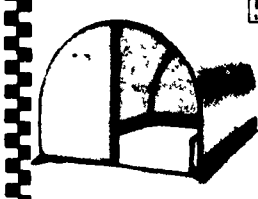

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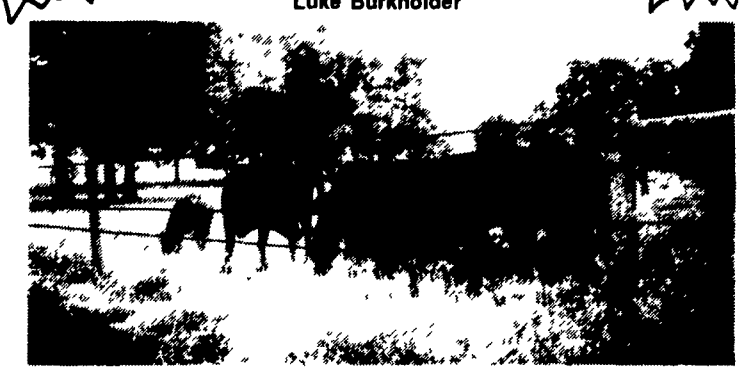

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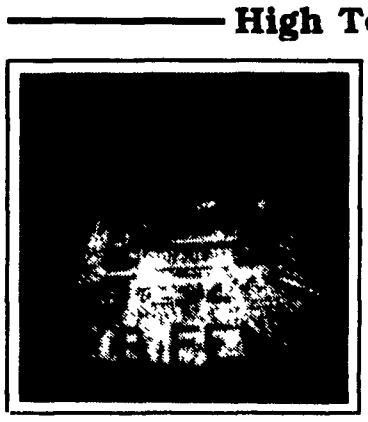

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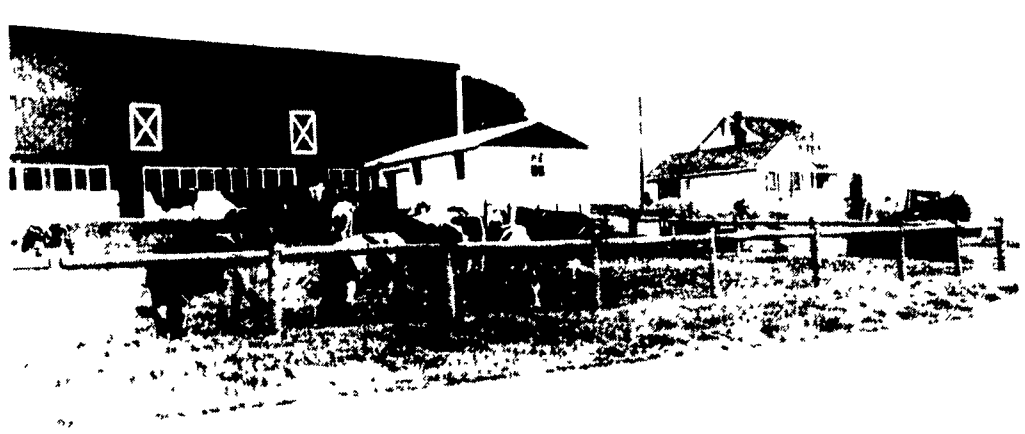

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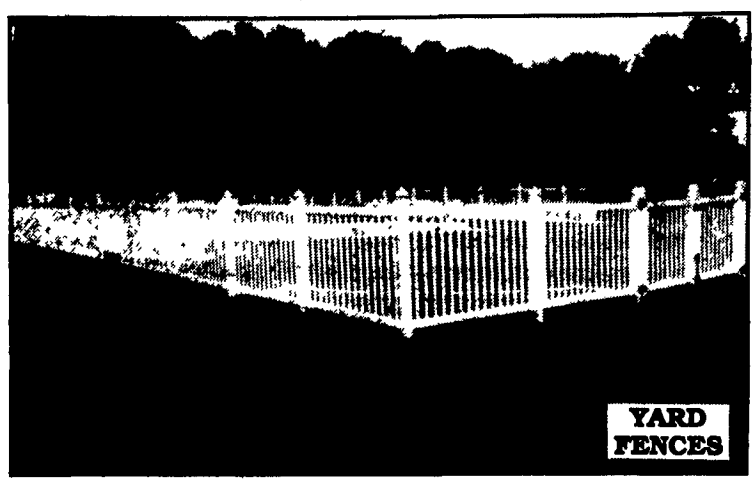

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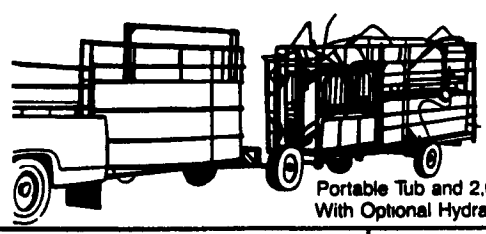

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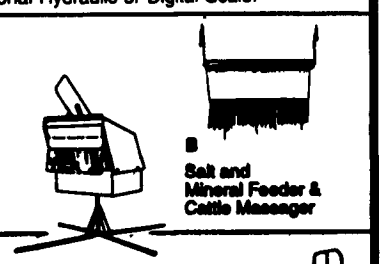
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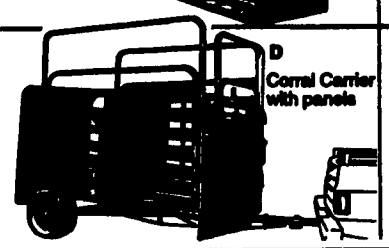
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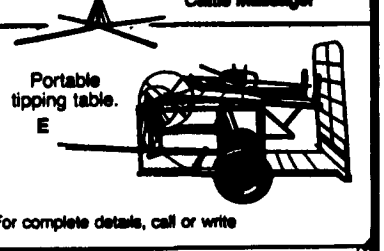
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SELECTED CONSIGNMENT

HORSE SALE

DRIVING HORSE SALE
JANUARY 15, 1994
10:30 A.M.
WORK HORSE & MULE SALE
JANUARY 22, 1994
10:30 A.M.

HORSES HITCHED AT 8:30 A.M. SHARP
SALE HELD AT 634 WALLACE RD., NEW HOLLAND, PA.
DIRECTIONS: FROM RT. 23 IN NEW HOLLAND, GO SOUTH ON BRIMMER AVE., GO 2 MILES SOUTH ON NEW HOLLAND ROAD TO HILL RD. TURN LEFT ON HILL RD. PROCEED 1.2 MILES TO SALE ON THE LEFT. FROM RT. 340 EAST OF INTERCOURSE TAKE NEW HOLLAND RD., 2.5 MILES TO HILL RD., RIGHT ON HILL RD. TO SALE ON LEFT.

COME AND DRIVE THEM YOURSELF. BARN OPEN ON THURS., JAN. 13 AND FRI., JAN. 14 FROM 9:00 A.M. TILL DARK

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Judging Schedule For The 1994 Pennsylvania Farm Show

(Judging events are not open to the public on Thursday and Friday. The Farm Show opens on Saturday, January 8, 1994.)

DAILY SCHEDULE OF EVENTS
78TH PENNSYLVANIA FARM SHOW
Farm Show Complex
Harrisburg, Pennsylvania

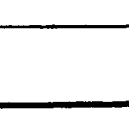
THURSDAY, JANUARY 6, 1994
(Judging Only - Show Closed To The Public)
12 Noon- Judging: Maple Syrup Products - EL

FRIDAY, JANUARY 7, 1994
(Judging Only - Show Closed To The Public)
7 AM- Judging: Live Poultry - LA
8 AM- Judging: Apiary Products - EL
8 AM- Judging: Edible Nuts - EL
8 AM- Judging: Family Living & 4-H Opportunities - NEU
9 AM- Swine Judging (In Order): Berkshire, Chester White, Duroc, Hampshire, Landrace, Polled China, Spotted & Yorkshire - SA
9 AM- Judging: Tobacco - WL
9:30 AM- Judging: Vegetables - WL
10 AM- Judging: Hay - NEU
10:30 AM- Judging: Corn - NEU
12 Noon- Judging: Christmas Trees - ML
12 Noon- Judging: Small Grains - NEU
12:30 PM- Judging: Potatoes - WL
4 PM- Judging: Mushrooms - WL
4 PM- Judging: Vocational Horticulture - NEU
5 PM- Carcass Lamb Live Evaluation - SA

SATURDAY, JANUARY 8, 1994
"Family Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Draft Horse Judging: Belgian - LA
8 AM- Draft Horse Judging: Clydesdale followed by Percheron - LA
8 AM- Judging: Rabbits - LAL.
9:30 AM- Supreme Champion Swine - SA
10 AM- Bred Gilt Sale (In Order): Landrace, Yorkshire, Spotted Swine, Poland China, Chester White, Berkshire, Duroc, Hampshire - SA
10 AM- Blue Ribbon Apple Pie Contest - NE
11 AM- Cooking Demonstration - WL
11:30 AM- Supreme Champion Draft Horse - LA
11:45 AM- Youth Showmanship for Draft Horses - LA
1 PM- Cooking Demonstration - WL
2 PM- Judging: Eggs - LAL
2 PM- Greatest Cocoa Cake and Cookie Contest - NEU
2-4 PM- Rodeo - PA High School Rodeo Association - LA
3 PM- Cooking Demonstration - WL
4:30-5:30 PM- Cumberland County 4-H Club Drill Team - LA
5 PM- Cooking Demonstration - WL
6-8 PM- Rodeo - PA High School Rodeo Association - LA
7 PM- Cooking Demonstration - WL

SUNDAY, JANUARY 9, 1994
"Governor's Day"
8 AM- Judging Continues: Eggs - LAL
8 AM- Judging: Dressed Poultry - WL
9 AM- Sheep Judging (In Order): Dorset, Hampshire, Southdown & Suffolk - SA
9 AM - Judging: School Exhibits - LAL
10 AM- Non-Denominational Worship Service - LA
11 AM-6 PM- DAILY ATTRACTIONS (see list) - EC
11 AM- Governor's Review - LA

(Turn to Page C22)

Time	Thursday Jan. 6	Friday Jan. 7	Saturday Jan. 8	Sunday Jan. 9	Monday Jan. 10	Tuesday Jan. 11	Wednesday Jan. 12	Thursday Jan. 13
8 A.M.		7 a.m.-Judging: Live poultry-LA Judging: Apiary products & fruit- EL; Edible nuts- EL; Family living & 4-H opportunities- NE4.	Judging: Draft horses, Belgian, Clydesdale, followed by Percheron- LA. Judging: Rabbits- LAL.	Judging: Eggs- LAL; Dressed Poultry- WL.	Judging: Beef Cattle (In Order) Ring 1- Angus & Limousin; Ring 2- Charolais & Simmental; Ring 3- Polled Hereford- LA; Sheep (In Order) Shropshire, Cheviot & Meat Breeds Supreme Champion- SA.	Judging: Dairy Cattle- Guernsey, Brown Swiss & Milking Shorthorn- LA. 8:30 a.m. Vo-Ag School Demonstrations- LAU; Junior Market Swine Classes- SA.	Vo-Ag School Demonstration- LAU. 8:30 a.m.- Judging: Junior Beef Breeding, In Order, Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental- LA; Junior market lamb classes- SA.	8:30 a.m.- Dairy Goat Judging (In Order) Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades- LA.
9 A.M.		Judging: Swine (In Order), Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted, & Yorkshire- SA; Tobacco- WL, 9:30 a.m.- Judging Vegetables- WL.	9:30 a.m. Supreme Champion Swine- SA.	Judging: School Exhibits- LAL. Judging: Sheep (In Order), Dorset, Hampshire, Southdown, Suffolk- SA.		Judging: Carcass Lamb On-Rail (Off-Site). 9:30 a.m.- Judging: Dairy Cattle, Holstein- LA.	4-H Potato Grading & Identification- MS.	
10 A.M.		Judging: Hay- NE4. 10:30 a.m.- Corn- NE4.	Swine Sales In Order: Landrace, Yorkshire, Spotted Swine, Poland China, Chester White, Berkshire, Duroc, Hampshire- SA. Blue Ribbon Apple Pie Contest- NE.	Non-Denominational Worship Service- LA.	Supreme Champion Sheep Meat Breeds- SA. Cooking Demonstration- WL.			Sale Of Champions & Reserve Champions.
11 A.M.			Cooking Demonstration- WL; 11:30 a.m.- Supreme Champion Draft Horse- LA; 11:45 a.m.- Youth Showmanship For Draft Horses- LA.	Governor's Review- LA.		Judging: Dairy Cattle- Ayrshire & Jersey- LA.	Cooking Demonstration & Ice Carving- WL. 11:30 a.m.- Grand Champion Jr. Market Lamb- SA.	11:15 a.m.- Junior Market Swine Sale- SA.
Noon	Judging: Maple syrup products-EL	Judging: Christmas trees- ML. Small grains- NE4. 12:30 p.m.- Judging: Potatoes- WL.		PA Army National Guard Band- LA. Vo-Ag School Demonstration.			Junior Steer Classes- LA. Junior Sheep Breeding Classes, In Order, Cheviot, Corriedale, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford, Followed By Junior Lamb Showmanship- SA. Cooking & Ice Carving- WL.	
1 P.M.		Cooking Demonstration- WL.		1-6 p.m.- Draft Horse Hitched Competition- LA; Cart Classes- LA. Cooking Demonstration- WL.	Junior Shepherd's Contest- SA. Cooking Demonstration- WL.	Cooking Demonstration- WL.		Junior Market Lamb Sale- SA.
2 P.M.			Judging: Eggs- LAL; Greatest Cocoa Cake And Cookie Contest- NE4. 2-4 p.m.- Rodeo, Pennsylvania High School Rodeo Assn.- LA.		2:30 p.m.- Beef Supreme Champion- LA. Cooking Demonstration- WL.	2:30 p.m.- Supreme Champion Of Dairy Breeds Followed By Junior Dairy Cattle Showmanship- LA.		Junior Steer Sale- SA.
3 P.M.			Cooking Demonstration- WL.	Wool Judging- NE; Cooking Demonstration- WL.		Cooking Demonstration- & Ice Carving- WL. Junior Swine Showmanship Contest- SA.	Cooking Demonstration & Ice Carving- WL. 3:15 p.m.- Grand Champion Steer- LA. 3:45 p.m.- Junior Beef Showmanship- LA.	
4 P.M.		Judging: Mushrooms- WL; Vocational Horticulture- NE4.	4:30-5:30 p.m. Cumberland Co. 4-H Club Drill Team- LA.	Team Classes- LA.	4-6 p.m.- FFA Mid-Winter Convention- LA.	4:30 p.m.- Horse Pulling Contest (In Order) Lightweight Horses; 6-Horse Hitch; Heavyweight Horses- LA.		1994 Farm Show Ends
5 P.M.		Judging: Carcass Lamb live Evaluation- SA.	Cooking Demonstration- WL.	Cooking Demonstration- WL.	5-7 p.m.- 12 Annual Sheep To Show Contest- SA. Cooking Demonstration- WL.	Cooking Demonstration- WL.	Sheep Judging (In Order) Corriedale, Merino & Rambouillet- SA. Cooking Demonstration- WL.	
6 P.M.			6-8 p.m.- Rodeo, Pennsylvania High School Rodeo Assn.- LA.			Ag Secretary's Welcome And Awards- SA. 6:15 p.m.- Dairy Fun Night- SA.	State Champion Pony Pulling Contest (In Order) Lightweight; Medium-weight & Heavyweight Divisions- LA.	
7 P.M.			Cooking Demonstration- WL.		7-9 p.m.- Folk Dance Festival & Contest- LA.	Cooking Demonstration- WL.	Cooking Demonstrations- WL.	
8 P.M.					Auction Of Shawls- SA.		Sheep Supreme Champion, Wool Breeds- SA.	

COMMERCIAL EXHIBITORS

MAIN FLOOR Space Numbers 1 through 662.
NORTH BUILDING: Space Numbers beginning with N and followed by a number.
NORTHEAST BUILDING (Lower Level): Space Numbers 1 through 30.
LOWER LEVEL LARGE ARENA: Space Numbers beginning with LL and followed by a number.
PENNSYLVANIA FOOD COURT. (East Building): Commodity Associations.
UPPER LEVEL LARGE ARENA: Space Numbers beginning with UL and followed by a number.

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ABI Irrigation	614
ADADC	N7-N10
Advanced Scientifics	642
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Alderfer Bologna Company, Inc.	NE1
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Alfalfa Plus	442
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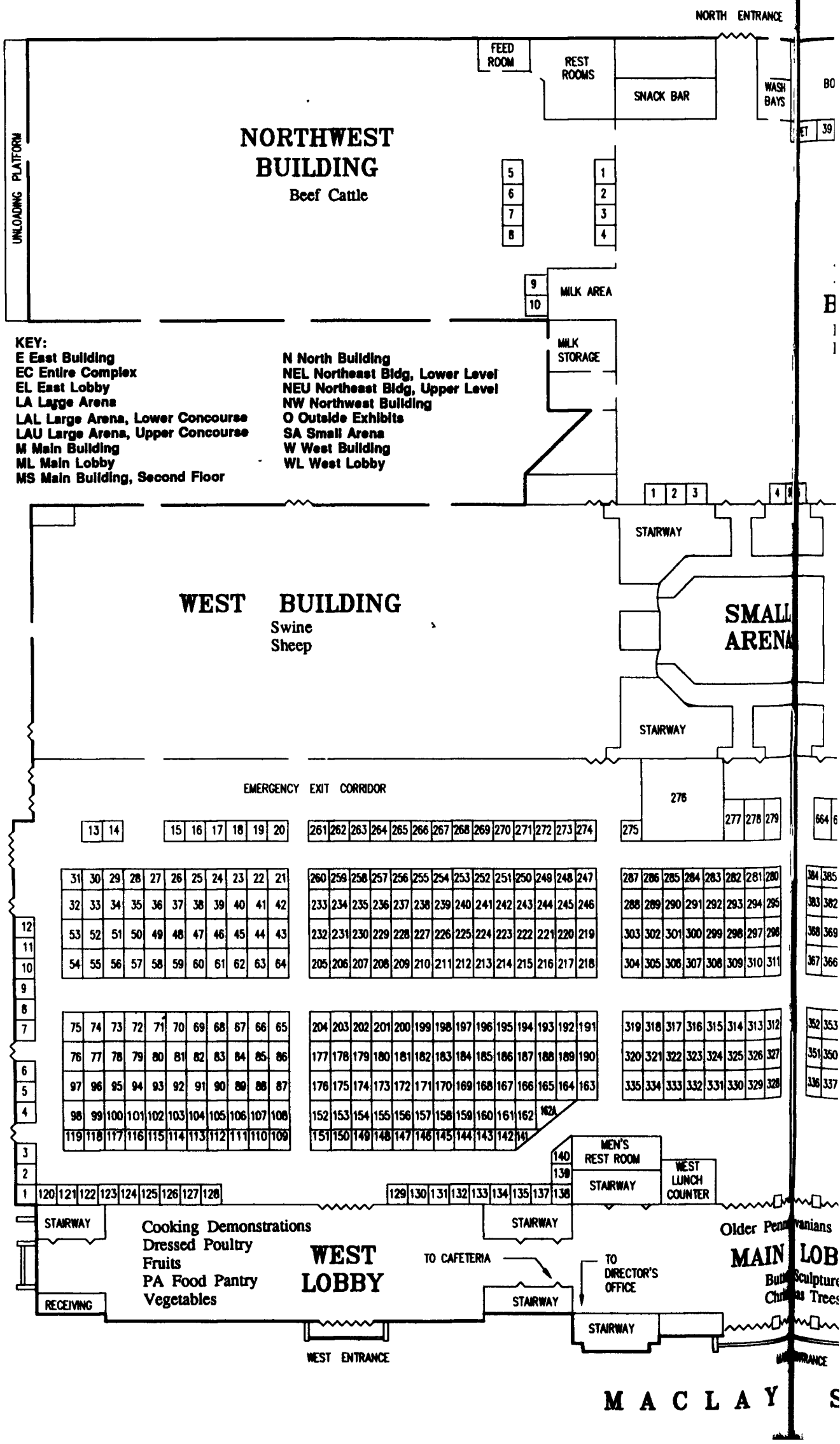
Farm Show Building Layout With Exhibit



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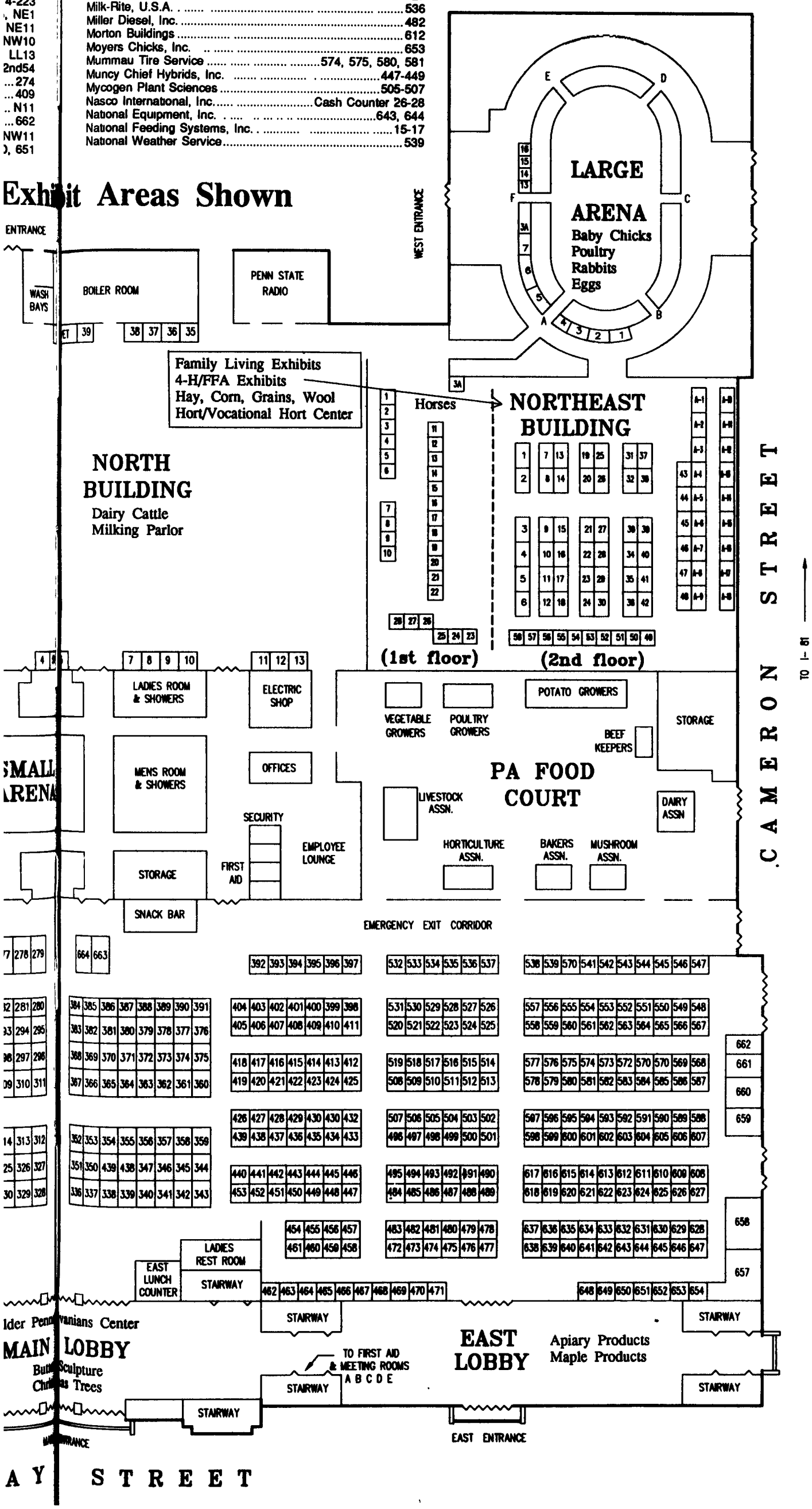

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Zook's Dutch Novelties NE7

DAILY SCHEDULE OF EVENTS

(Continued from Page C19)

11 AM-5 PM- Ice Cream Scooperbowl - NEU
12 Noon- PA Army National Guard 28th Infantry Division Band - LA
12 Noon- Vo-Ag School Demonstrations - LAU
1 PM- Cooking Demonstration - WL
1-6 PM- Draft Horse Hitched Competition - LA
1 PM- Cart Classes - LA
3 PM- Intermission - Energy Entertainment, Inc. & Westshoremen Drum & Bugle Corps - LA
4 PM- Team Classes - LA
3 PM- Wool Judging
3 PM- Cooking Demonstration - WL
5 PM- Cooking Demonstration - WL

MONDAY, JANUARY 10, 1994
"Agricultural Heritage Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Beef Cattle Judging (In Order): Ring 1 - Angus & Limousin, Ring 2 - Charolais & Simmental, Ring 3 - Polled Hereford - LA
8 AM- Sheep Judging (In Order): Shropshire, Cheviot & Meat Breeds Supreme Champion - SA
9 AM-6 PM- Family Corner Demonstrations - NEU
11 AM- Cooking Demonstration - WL
1 PM- Junior Shepherd's Contest - SA
1 PM- Cooking Demonstration - WL
3 PM- Cooking Demonstration - WL
2:30 PM- Beef Supreme Champion - LA
4-6 PM- PA State FFA Association Convention - LA
5 PM- Cooking Demonstration - WL
5-7 PM- 13th Annual Sheep to Shawl Contest - SA
8 PM - Auction of Shawls - SA
7 PM- Cooking Demonstration - WL
7-9 PM- Folk Dance Festival & Contest - LA
8 PM- Intermission: Ethnic Dance Demonstration - LA

TUESDAY, JANUARY 11, 1994
"Dairy Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Dairy Cattle Judging: Guernsey, Brown Swiss & Milking Shorthorn - LA
8:30 AM-4 PM- Vo-Ag School Demonstrations - LAU
8:30 AM- Junior Market Swine Classes - SA
9 AM- Judging: Carcass Lamb On-Rail (off-site)
9 AM-6 PM- Family Corner Demonstrations - NEU
9:30 AM- Dairy Cattle Judging: Holstein - LA
11 AM- Cooking & Ice Carving Demonstrations - WL
11 AM- Dairy Cattle Judging: Ayrshire & Jersey - LA
1 PM- Cooking & Ice Carving Demonstrations - WL
2:30 PM- Supreme Champion of Dairy Breeds, followed by Junior Dairy Cattle Showmanship - LA
3 PM- Cooking & Ice Carving Demonstrations - WL
3 PM- Jr Swine Showmanship Contest - SA
4.30 PM- Championship Horse Pulling Contest (In Order): Lightweight Horses, 6-Horse Hitch, Heavyweight Horses - LA
5 PM- Cooking Demonstration - WL
6 PM- Secretary's Welcome and Awards - SA
6:15 PM- Dairy Fun Night - SA
7 PM- Cooking Demonstrations - WL

WEDNESDAY, JANUARY 12, 1994
"Youth Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8:30-11 AM- Vo-Ag School Demonstration - LAU
8:30 AM- Junior Beef Breeding Cattle (In Order): Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental - LA
8:30 AM- Junior Market Lamb Classes - SA
9 AM- 4-H Potato Grading & Identification - MS
9 AM-6 PM- Family Corner Demonstrations - NEU
11 AM- Cooking & Ice Carving Demonstration - WL
11.30 AM- Champion Jr. Market Lamb - SA
12 Noon- Junior Beef Steer Classes - LA
12 Noon- Junior Sheep Breeding Classes (In Order): Cheviot, Corriedale, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford, followed by Junior Lamb Showmanship - SA
1 PM- Cooking & Ice Carving Demonstrations - WL
3 PM- Cooking & Ice Carving Demonstrations - WL
3:15 PM- Grand Champion Steer - LA
3.45 PM- Junior Beef Showmanship Contest - LA
5 PM- Sheep Judging (In Order): Corriedale, Merino & Rambouillet - SA
5 PM- Cooking Demonstration - WL
6 PM- State Championship Pony Pulling Contest (In Order) Lightweight, Mediumweight & Heavyweight Divisions - LA
7 PM- Cooking Demonstration - WL
8 PM- Sheep Supreme Champion, Wool Breeds - SA

THURSDAY, JANUARY 13, 1994
"Sale of Champions Day"
8 AM-4 PM- DAILY ATTRACTIONS (see list) - EC
8:30 AM- Dairy Goat Judging (In Order): Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades - LA
9 AM-Noon- Family Corner Demonstrations - NEU
10 AM- Sale of Champions & Reserve Champions - SA
11:15 AM- Junior Market Swine Sale - SA
1 PM- Junior Market Lamb Sale - SA
2 PM- Junior Steer Sale - SA
4 PM- 1994 Farm Show Ends

LOCATION OF DAILY ATTRACTIONS
Saturday through Thursday

Apiary Products - EL
Baby Chicks - LAL
Beef Cattle - NW
Butter Sculpture - ML
Cafeteria - MS
Christmas Trees - ML
Commercial & Educational Exhibits - M
Cooking Demonstrations - WL
Corn - NEU
Dairy Cattle - N
Demonstrations - WL, NEU
Dressed Poultry - WL
Eggs - LAL
Family Living Exhibits - NEU
Food Court - E
4-H/FFA Exhibits - NEU
Fruits - WL
Goats (Thursday only) - LAL
Hay - NEU
Horses - NEL
Horticulture Center - NEU
Maple Products - EL
Milking Parlor - N
Older Pennsylvanians Center (Monday) - ML
Pennsylvania Food Pantry - WL
Poultry - LAL
Rabbits - LAL
Sheep - W
Small Grains - NEU
Snack Bars - EC
Souvenirs - EC
Swine - W
Vegetables - WL
Vocational Horticulture - NEU
NEU

MEETINGS SCHEDULED DURING FARM SHOW WEEK

Saturday, January 8		
10 am	Maulfair Medical - Healthcare Discussion	Room B
7 pm	Draft Horse & Mule Association	Room B
6 pm	Farm Show Reception & Dinner	Sheraton East
Sunday, January 9		
11:30 am	Suffolk Sheep Association	Room D
1 pm	Simmental Association	Room C
2 pm	Pennsylvania FFA	Room B
2 pm	Maulfair Medical - Healthcare Discussion	Room D
2:30 pm	Hampshire Sheep Association	Room E
Monday, January 10		
10 am	Ag & Rural Affairs Committee	Room C
10 am	Sire Power Int.	Room B
10 am	Pennsylvania FFA	Rooms D&E
Noon	PA Ag Democrats	Room C
1 pm	State Grange	Room B
1:30	Master Corn Growers Association	Room E
2 pm	Pennsylvania Ag Republicans	Room C
2 pm	Maulfair Medical - Healthcare Discussion	Room D
5 pm	Pennsylvania FFA	Rooms B&C
5:30	Limousin Association	Room D
Tuesday, January 11		
9 am	Farm Vacation/Bed & Breakfast Seminar	Room C
9 am	4-H Potato Judging Contest	Room E
11 am	Horse Pulling Contestants	Room B
11:30	Flying Farmers Association	Room D
1 pm	Ayrshire Breeders Association	Room B
1 pm	Brown Swiss Association	Room C
2 pm	Maulfair Medical - Healthcare Discussion	Room D
3 pm	Flower Growers Association	Room C
3:30	Farm-City Council	Room D
Wednesday, January 12		
8 am	4-H Potato Judging Contest	Room E
9 am	Nut Growers Association	Room C
10 am	EPA - Radon Seminar	Room B
12	Maulfair Medical - Healthcare Discussion	Room B
1 pm	Maple Producers Council	Room D
2 pm	Livestock Association	Room B
2 pm	Keystone Pony Pullers	Room E
Thursday, January 13		
3:30	Pennsylvania FFA	Room C

NOTE: Meeting Rooms B, C, D & E are in the Farm Show Complex, on the second floor behind the director's office.

FAMILY CORNER DEMONSTRATIONS - NORTHEAST BUILDING, UPPER LEVEL

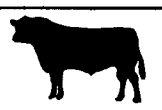
Monday, January 10
9 am Recycling Plastic - Cooperative Extension Service
10 am Growing & Using Apples - State Horticultural Association
11 am Bonsi Demonstration - Susquehanna Bonsi Association
Noon Making Herb & Fruit Vinegars - York County Master Gardeners
1 pm What's New in Gardening - The Plant Doctor
2 pm Musical Tour of National Apple Museum
3 pm Preparing, Spinning & Weaving Fiber - PA Mohair & Cashmere Growers
4 pm Ornamental Grasses in Landscaping - Shellys Garden Center
5 pm Portable Water Gardens - Shellys Garden Center
6 pm Emus, Emerging Agricultural Products - Eastern Regional Emu Chapter

Tuesday, January 11
9 am Aquaculture, Fish on the Farm - PA Aquaculture Association
10 am Flower Wreaths - Master Gardeners
11 am Traditional Flax Processing - Darrell Nixdorf
Noon Pressing & Drying Flowers - Master Gardeners
1 pm Floral Designs - Harrisburg Civic Center
2 pm Preparing, Spinning & Weaving Fibers - PA Mohair & Cashmere Growers
3 pm Heirlooms & Hybrids in Todays Garden - Landis Valley Museum
4 pm Growing Quality Nut Trees - PA Nut Growers Association
5 pm Water Conservation & Household Chemicals - Alliance for the Chesapeake Bay
6 pm Honey Extraction - State Beekeepers Association

Wednesday, January 12
9 am Agriculture Canine Inspection Team - U.S. Department of Agriculture
10 am Environmental Education Songs - Strawberry Hill Nature Center & Preserve
11 am 4-H Youth Program - Dauphin County 4-H
Noon Kids Back Then - the Itinerant Talesman
1 pm What's New in Gardening - The Plant Doctor
2 pm Pumpkin Carving - Master Gardeners
3 pm Creating Potpourri - The Rosemary House
4 pm Bed & Breakfasts and Farm Vacations - PA Travel Council
5 pm 4-H Youth Program - Dauphin County 4-H Program
6 pm Scare Crow Construction - Mary Humbred

Thursday, January 13
9 am Preserving Our Wetlands - PA Department of Environmental Resources
10 am Indoor Air & Pesticides at Home - Environmental Protection Agency
11 am Radon Detection in Homes - Environmental Protection Agency
Noon Kids Back Then - The Itinerant Talesman

Meetings Scheduled At The Farm Show

Time	Saturday January 8	Sunday January 9	Monday January 10	Tuesday January 11	Wednesday January 12	Thursday January 13
9 A.M.				9 am- Farm Vacation/Bed & Breakfast Seminar, Room C; 9 am- 4-H Potato Judging Contest, Room E.	9 am- Nut Growers Association, Room C.	
10 A.M.	10 am- Maulfair Medical - Healthcare Discussion, Room B.		10 am- Ag & Rural Affairs Committee, Room C; 10 am- Sire Power Int., Room B; 10 am- Pennsylvania FFA, Rooms D&E.		10 am- EPA - Radon Seminar, Room B.	
11 A.M.		11:30 am- Suffolk Sheep Association, Room D		11 am- Horse Pulling Contestants, Room B. 11:30 am- Flying Farmers Association, Room D.		
Noon			Noon- PA Ag Democrats, Room C		12- Maulfair Medical - Healthcare Discussion- Room B.	
1 P.M.		1 pm- Simmental Association, Room C.	1 pm- State Grange, Room B. 1:30 pm- Master Corn Growers Association, Room E.	1 pm- Ayrshire Breeders Association, Room B; 1 pm- Brown Swiss Association, Room C.	1 pm- Maple Producers Council, Room D.	
2 P.M.		2 pm- Pennsylvania FFA, Room B; Maulfair Medical - Healthcare Discussion, Room D. 2:30 pm- Hampshire Sheep Association, Room E	2 pm- Pennsylvania Ag Republicans, Room C; 2 pm- Maulfair Medical - Healthcare Discussion, Room D	2 pm- Maulfair Medical - Healthcare Discussion, Room D.	2 pm- Livestock Association, Room B; 2 pm- Keystone Pony Pullers, Room E.	
3 P.M				3 pm- Flower Growers Association, Room C. 3 30 pm- Farm-City Council, Room D.		3:30 pm- Pennsylvania FFA, Room C.
4 P.M.						
5 P.M.			5 pm- Pennsylvania FFA, Rooms B&C. 5 30 pm- Limousin Association- Room D			
6 P.M.	6 pm- Farm Show Reception & Dinner, Sheraton East					
7 P.M.	7 pm- Draft Horse & Mule Association, Room B.					

NOTE: Meeting rooms B, C, D, & E are in the Farm Show building on the second floor behind the director's office.

10 SHEEP & GOATS

20 bred Polypay aged ewes, $50 each; also, 2 rams Call evenings 717-768-8378.

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11 SWINE

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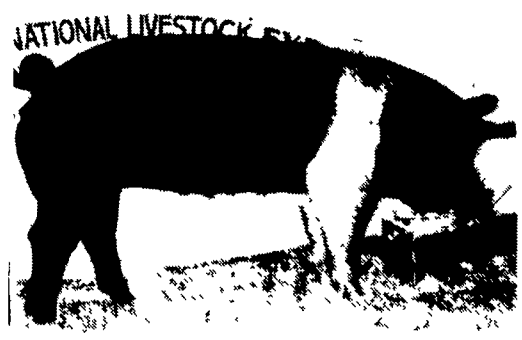
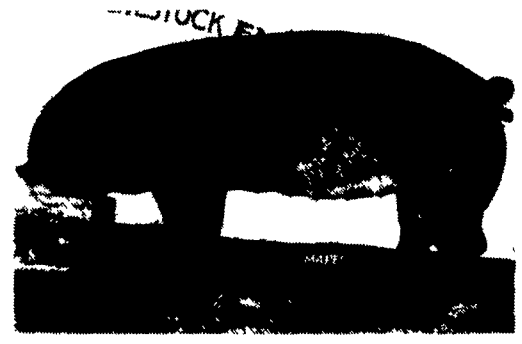
9 Duroc bred gilts 3 Hampshire bred gilts due in late Jan., Feb., early March.
We bred and showed 1993 KILE Grand Champion Duroc and Hampshire gilts



She or littermate is selling bred to SDH2 JOLLY 96-4 due Feb. 12, 1994



She is selling bred to THE RIGHT ONE due Jan. 23, 1994

Duroc gilts bred to HP THE RIGHT ONE son of HP3 Uh Huh 28-3 with figures of 144 days,.61B.F., 6.30L.E. at 230#. He is extra long, lean, growthy, big framed boar with muscle, and heavy correct bone and feet, from top litter of Parrish herd.

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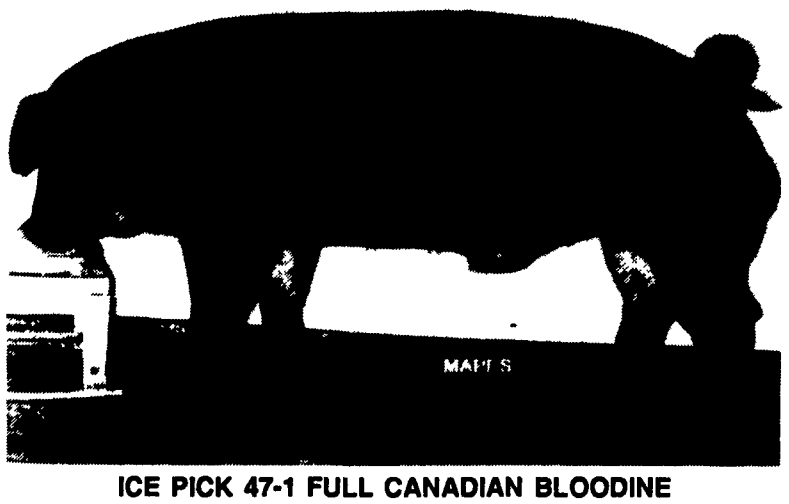

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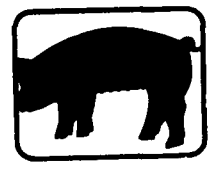

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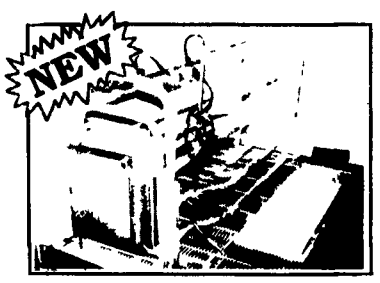

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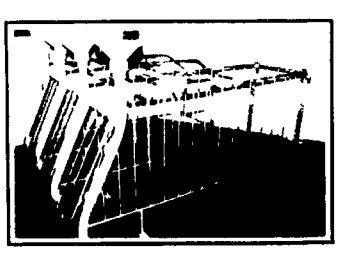
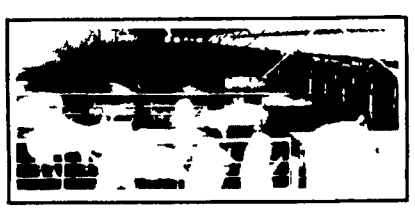


BREEDING/GESTATION STALLS



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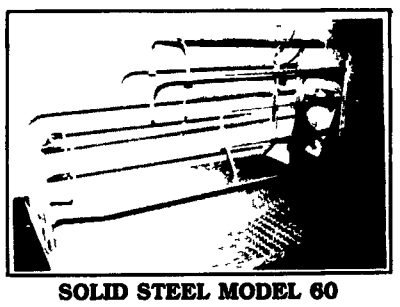
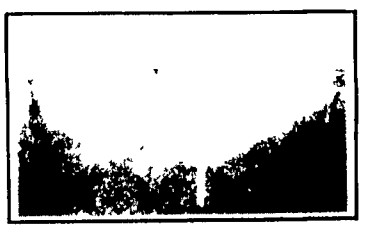


SOLID STEEL MODEL 60



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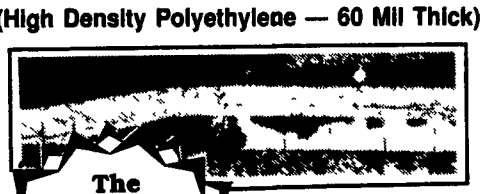

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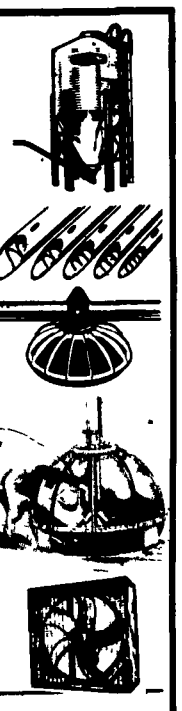

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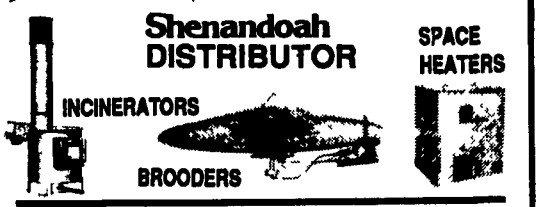

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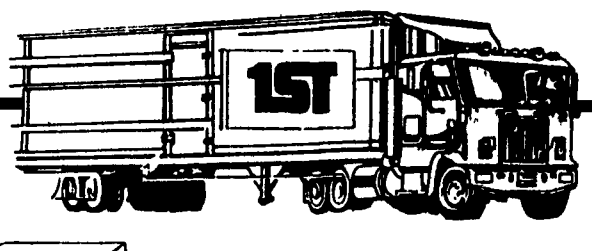

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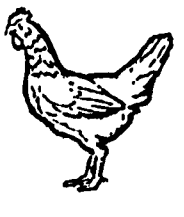

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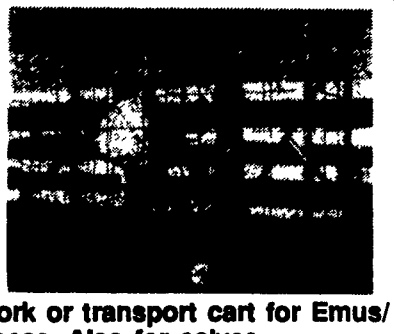

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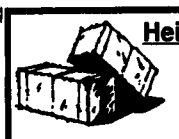

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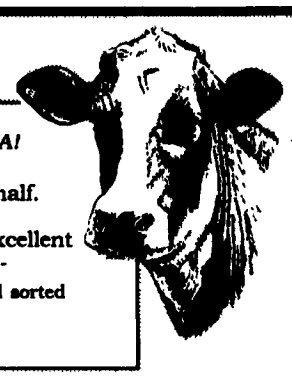

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Consider these advantages over traditional roasting methods:

- ◆ Consistent by-pass proteins and low moisture levels.
- ◆ Improved energy density of your rations.
- ◆ Excellent quality control.
- ◆ Exchange programs with feed mills.
- ◆ Economical storage, rolling and grinding available.
- ◆ We also buy corn and soybeans

Weaver's Toasted Grains
TOASTED TO TASTIER

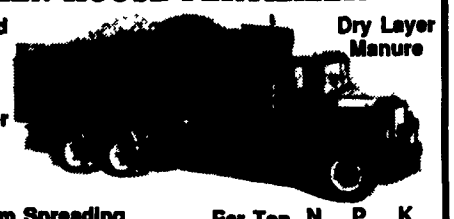
For more information call
(717) 355-BEAN

16 FERTILIZER

TURKEY MANURE FOR SALE
$5 PER TON
Loaded On Truck
717-582-2352
717-582-4431

Poultry Manure For Sale
Spreading available locally also mushroom mulch for sale
717/354-4174

HEN HOUSE FERTILIZER



Delivered Bulk or Spread $2.00 Per Ton At Door
Dry Layer Manure
Custom Spreading Per Ton N P K
Spreader Rental Available 50 60 30
717-684-2490

TURKEY MANURE FOR SALE
$6 PER TON
Loaded On Truck
717-582-2352
717-582-4431

LIME

- Dump Truck Loads
- Spreaders Available

Rohrer's Quality Hi-Cal Damp Lime

92% CCE Calcium Oxide 43%
ENP 69 Magnesium Oxide 6%
55% passing 100 mesh
65% passing 60 mesh
98% passing 20 mesh

NOW ONLY $5.50 Per Ton (Picked Up)

Rohrer's Quarry inc.
Lititz, PA • (717) 626-9760
★ CRUSHED STONE & READY-MIX CONCRETE ★
Registered with PA Department Of Agriculture

17 PLANTS

Taking orders for pepper transplants for spring delivery $65/per thousand. FREE delivery within 30 mile radius of Intercourse, PA w/orders of 5000 or more Top quality disease free plants State inspected, grown w/balance nutrition GROFF BROS FARM 717-768-8087

18 FRUITS & VEGETABLES

Cider Press for Sale. Hydraulic 2 Bushel Capacity $1500 (717)432-3306. YorkCo

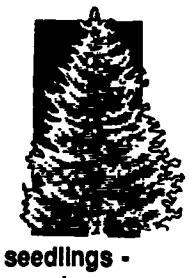
19 NURSERY

Bark mulch and mushroom soil, trailer loads and smaller loads also available Garman's Coal and Mulch Products, (717)653-9580

EVERGREEN SEEDLINGS & TRANSPLANTS
Spruce, Pine, Fir for Christmas trees & nursery stock Write or call for price list Croshaw Nursery, P.O. Box 339, Columbus, NJ 08022 or call 609-298-0477

CROSHAW NURSERY
EVERGREEN
Seedlings & Transplants
P.O. Box 339 ■ Mill Lane
Columbus, N.J. 08022
Call or Write for Price List
(609) 298-0477
We Care About Our Trees & Customers

CRAWFORD EVERGREENS
Wholesale price list
Spring 1994
State Inspected



Transplants and seedlings - Top quality - low prices
5% off on 5000 or more

		Per 100	Per 1000
Douglas Fir - Lincoln			
2 year seedlings	2-0, 6"-12"	$ 27	$135
3 year seedlings	3-0, 12"-20"	$ 33	$165
4 year transplants	2-2, 14"-20"	$ 90	$450
4 year transplants	2-2, 20"-30"	$ 99	$495
5 year transplants	2-3, 26"-36"	$110	$550
Concolor Fir			
4 year transplants	2-2, 8"-14"	$99	$495
Blue Spruce - San Juan			
3 year seedlings	3-0, 8"-18"	$30	$150
4 year seedlings	4-0, 12"-20"	$ 35	$175
4 year transplants	2-2, 8"-18"	$ 85	$450
5 year transplants	2-3, 12"-24"	$ 95	$475
Norway Spruce			
4 year seedlings	4-9, 14"-24"	$ 30	$150
Black Hill Spruce			
5 year seedlings	5-0, 12"-20"	$ 30	$150
Engleman Spruce			
4 year seedlings	4-0, 10"-16"	$ 30	$150
Austrian Pine			
4 year seedlings	4-0, 14"-24"	$ 33	$165
Mugho Pine			
5 year seedlings	5-0, 6"-12"	$ 39	$195

Come see our trees - call or write for complete price list

Crawford Evergreens
Wayne Crawford
RR 1, Box 216
Port Royal, PA 17082
717-527-4555 Days
717-527-2589 Nights

19 NURSERY

HALABURA TREE FARMS
Quality Douglas Fir, White Pine, Blue Spruce and White Spruce Trees.
Cut and B&B Available.
Reasonable Prices.
Large Tree Transplanting also available with Big John 80 inch spade
RD 1
Orwigsburg, PA
(717) 943-2891 John
(717) 943-2499 Dave

20 LAWN & GARDEN

MF 16 Massey Ferguson garden tractor, hydro w/4' mower, ag tread, needs motor, $100 OBO. (717)284-5086

Model 685 Ag-Tech preseeder $3,200
- 16 ft. Tandem axle equip. trailer, folding ramps $1,500
- 1972 Chevy 30 series cabover, 454 c.i. automatic trans., 12 ft. deck, 5" beavertail w/ramps $3,000
- Landpride 72" brush cutter $600
- Caldwell 8' york rake $450
- 7' spring tooth cultivator $100
- John Deere grader box, 6 ft. $200
- 1000 gal. fiberglass tank $100
- Fuel tank w/hand crank pump $150
- Greenhouse heater $100
- 8 h.p. Ampro rototiller $600
- Ryan Lawn Aire III Aerator $500
- 10 h.p. Briggs I/C w/alfa 45/Udor Diaphram Pump $250
- Electric Hannay 1526 hose reel w/400' 3/8" hose $175
- Hand crank hose reel w/400' 3/8" hose $100
- 5 h.p. Briggs I/C w/RO 70 Udor diaphragm pump $150

Call (215) 683-6260

LIQUID MANURE HAULING
(717) 284-5710
(717) 464-1344
Steve Lehman

Liquid Manure Spreading
Central PA
Vacuum & Pump
717-463-2318

Soybean Roasting
On Your Farm
Horst Grain Roasting
Oxford, PA
215-869-8834

LIQUID MANURE HAULING
LIQUID MANURE PUMP FOR RENT
215/286-0168
215/286-0706

NEED SOMETHING HAULED?
Will do your cattle hauling.
Also, hauling with our 24 foot Flatbed Trailer
Local Or Long Distance
717-354-7992

Custom Bagging
6' & 8' Rotor Baggers
Roller Mill w/Ear Breaker
Will Travel 100 Miles
Prices Reduced on 8' Bags
Elam Rutt
1-(800) 767-1672 (717) 626-4072

21 SERVICES OFFERED

Backhoe & Dump truck service Wingenroth Brothers, 717/392-4996

Brownawell Livestock Hauling Hauling One Way $1 75 Per Mile, Hauling Round Trip $2 00 Per Mile Nationwide (717)485-4384 (717)776 5567

Clipper Blade Sharpening - Cattle Blades $2 50/set, sheep blades $3 50/set Please add return postage Aaron E Beiler, 915 W Main St New Holland PA 17557

Concrete Work, all types, free estimates Wingenroth Brothers 717/392-4996

DIESEL Service Farm and Industrial have service truck with crane Call Leon, Blue Mountain Diesel (215)298 3483

HOOF TRIMMING $9.00 a cow "FREE" wraps GIRVIN HENRY, Rawlinsville, PA 717-284-3683

Soybean roasting on your farm Dale L Schnupp, RD 6, Lebanon, PA 17042 717 865 6611

CATTLE HOOF TRIMMING
(215) 345-0897

Slate, tin, shingle roof repaired. Installed spouting, barn repair, and remodeling
Call Mike Fisher
(717) 687-8069
after 6 pm

Zimmerman's Custom Freezing
Complete Mobile Unit
P.O. Box 63
New Holland, PA 17557
717-355-2046
1-800-472-2641

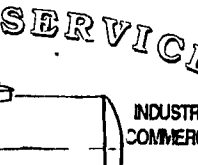
DAIRY CATTLE HOOF TRIMMING
Foot Problems Treated
Father & Son Team
No Help Necessary
NELSON NOLT
(717) 866-6045

PROFESSIONAL HOOF TRIMMING:
Over 20 years experience Fast and accurate work.
70-100 cows per day
Increases milk production. Easy and gentle on the cows and farmer No farmer's help needed.
SATISFACTION GUARANTEED
717-755-0770
410-484-6191

Joe Russell Hoof Trimming
10 years experience
Equipment disinfected between farms
References Available
(717) 927-9775
(800) 770-TRIM 8746

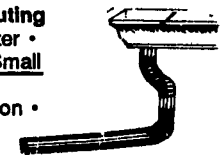
21 SERVICES OFFERED

HOOF TRIMMING, Cumberland, Perry & Franklin Counties Tim Fuller, Carlisle, PA 717/249-3174



GEORGE STILLWELL
PRO HOOF
Professional Hoof Trimming
$8/Cow, $3/Wrap
Serving From New Jersey To Carlisle, PA
10 Maple Ave. New Egypt, NJ 08533
Phone Bus. (609) 758-2384 Home (609) 758-2481

Times Are Hard
Neglect Now - Gives Problems Later
Try Our Experience, Let It Work For You!
Roofing - Siding - Spouting
General Spouting
- Seamless K Style Gutter
- Half Round Gutter & Small Repairs
- Soffit & Facia Installation
- Window Capping (covered w/metal)
- ACROLINE® Vinyl Replacement Windows
- Acro Pane® For Total Window Performance



717-656-0242
Wilmer R. Ebersol
58 Hellers Church Rd.
Leola, PA 17540
Quality & Service Comes First

Cash Buyer of Standing Timber
Guy Sexton
Logging and Timber Management
1148 Pilgrims Pathway
R D. #2
Peach Bottom, PA 17563
(717) 548-3422 or (717) 548-3428

22 CUSTOM WORK

Custom Skid Loader Work, will handle manure. 215/445-6687

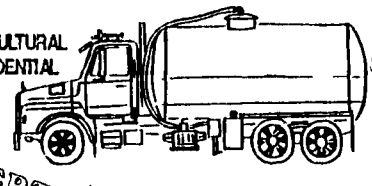
Hay, straw and corn hauling (215)488-6927

Hertz- Haul Liquid Manure Spreading Services 5,000 Gal Vacuum Trk. (215)286-9708

SEED CLEANING on your farm- soybeans & small grain Newcomer Seed Cleaning, (717)653-4123

Warner Liquid Transport Liquid Manure Spreading, Septic Water (717)464-0841 after 5 00

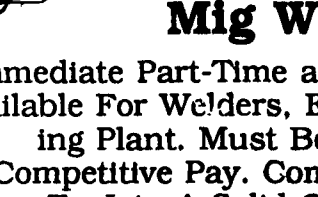
LLOYD Z. NOLT
(717) 733-7226
1301 LINCOLN ROAD
LITITZ, PA 17543
CLEANING SERVICE
AGRICULTURAL RESIDENTIAL
INDUSTRIAL COMMERCIAL



SEPTIC TANKS CESSPOOLS

Liquid Manure Spreading
Pump or Vacuum
(717) 548-2968

OBERHOLTZER'S GRAIN ROASTING



on your farm
2743 Valley View Road
MORGANTOWN, PA 19543
(215) 286-2062

ADAM'S SUPPLY
P.O. Box 821, Brownstown, PA 17508
We Deliver 717-656-6508
For Your Best PRICE, QUALITY & SERVICE
- BALE WRAPPERS
- BALE WRAP
- SILAGE BAGS
- BAGGING MACHINES

Hay and Straw Hauling
Days
(717) 944-3500
Evenings
(717) 533-5127

23 HELP WANTED

Assist Owner with General Dairy Farming, must be experienced with milking, dependable, self-motivated, non-smoker, non-drinker. Good salary, housing 410/472-2623.

Full-time employee for 100 cow dairy, Southwestern PA Prefer experience as herdsperson Opportunity given to own cows, housing, insurance, benefits, with everyother weekend off 814-267-3724.

23 HELP WANTED

HELP WANTED: Plumber and dry wall finisher, full-time work 215-286-5239.

Church Sexton and cemetery caretaker Salary, benefits and housing. Send resume Upper Octorara Presbyterian Church, RD1, Parkesburg, PA 19365

CREW TO ERECT 45'x125' STEEL BUILDING IN NEW JERSEY (NEW CONSTRUCTION). CALL KEN 908-636-5600.

Drivers Wanted: Class A CDL w/wo Tanker Endorsement Farm Pick-Up (Bulk) Excellent Wages and Benefits Clover Farms Dairy 215-921-9111

Help for 1994 Summer and Fall Harvest, new 9600 JD combines and Kenworth trucks FROESE BROS. HARVESTING 316-585-6478 Inman, KS

Help Wanted on Dairy and Grain Farm, Housing Available Dover, DE (302)734-9588

HORSEMAN, Experienced For broodmare farm Balt Co. Maintenance, sales prep. New house Reference required Box 68, Butler, 21023 or 410-771-4580

Milker needed morning and evening Salary negotiable Chester County Before 8 30am or after 6pm, (215)857-5227

Person needed to assist with feeding and crop work on modern 115 cow freestall dairy Non-smoker and non-drinker preferred References required Housing provided Berks County (717)933-5550

FULL TIME POSITION
Couple or Small Family Wanted To Assist Owner With General Dairy Farming, Must Be Good With Cows, Hard Workers, Self Motivated Non Smokers, References, Salary and Housing Available For The Right People
Mifflin County
Call 717-739-1179
After 7:00 PM to Arrange Interview
Long Term Job Opportunity

Person, Couple or Family to work on 70 cow dairy farm. Stall barn. Must be good with cows. Interest in registered Holsteins a plus. Barn and field work. References required. Housing available.
717/367-3667

CARPENTERS WANTED
- Immediate Openings
- Good Benefits
- Full Time or temporary
Ag Building Preferred
Call 1-800-874-7531
Ask for John or Phil
Triple H Construction
Lancaster, PA

Due to the Expansion of our Manufacturing Division We Need
Mig Welders
Immediate Part-Time and Full-Time Positions Available For Welders, Etc. In Our Manufacturing Plant. Must Be Reliable Worker. Competitive Pay. Come In For Application To Join A Solid Growing Company
FARMER BOY AG
410 E. Lincoln Ave., Myerstown, PA 17067
(717) 866-7565

Wanted hired boy for 1994. Regular or part-time. Please help us out. David Fisher,JR 152-B Sinclair Rd, RR2, Delta, PA 17314.

WINTER-TIME WORK. Earn $25,000 this winter working part-time in the livestock or farm equipment appraisal business For information call 1(800)488-7570.

Herdsperson needed on large 3 stall dairy, Southeastern NY Must be experienced and have references, 6 day week, paid vacation, sick time and personal time, health insurance and pension plan 914-651-4398. Between 7.30PM-9PM

Snow Plowing Subcontractors needed for the Lancaster/Centerville areas Must be experienced, dependable, and conscientious 717/872-0755.

New Territory Openings for part time persons to enroll farmers in nutrient management planning service. Commissions paid on acreage
1/800-322-0060

Herdsperson for 150 Cows
Free stall parlor dairy operation. Housing and top wages.
South Central PA
Resume sent to:
Lancaster Farming
(G130)
P.O. Box 609
Ephrata, PA 17522

HELP WANTED
Lawn and Garden Salesperson for Eastern PA
Full Time or Part Time
Write:
R-34
c/o Lancaster Farming
PO Box 609
Ephrata, PA 17522

Help Wanted
SILO CONSTRUCTION
Job consists of working out on the farm everyday.
Clean driving record required.
Benefits.
Call 215-273-3993 Ask For Sol

POSITION AVAILABLE
INQUIRIES INVITED
Nutritional consulting association is expanding Franklin County area and is looking forward to adding another consultant. Candidate must be a self starter and have good communication, nutritional, and management skills to provide service to dairymen. Excellent opportunity for the right person **Send resume to:**
Franklin County Dairy Nutrition Assoc.
191 Franklin Farm Lane,
Chambersburg, Pa. 17201

Full-time position work includes broiler, beef and veal care. General farm maintenance. Light mechanical work, fill-in truck driver. Must have Ag experience. Be a conscientious hard worker and able to work independently. Lancaster County
717-665-7284

New opportunities for full or part time sales persons or farmer/ dealers with expanding liquid fertilizer company.
1/800/322/0060

24 SITUATIONS WANTED

FOR RENT Berks County 50 cow new style, tie stall barn New barn cleaner, new silo unloader Mixer available 2" pipeline, 800 gallon bulk tank Feed available, 3BR house included Available 3/1/94 Leave message 215-372-2186

25 BUSINESS OPPORTUNITIES

Established Business for sale tools, forge, hyd. rubber tire machine, inventory, channel, rubber, spokes Hoovers Wheel Repair, Leola, PA 717/656-6893

ASSISTANT MANAGER FOR 600 SOW OPERATION
Potential employee must have desire and willingness to work in a highly productive feeder pig operation. Position offers competitive salary, vacation, benefits and 401K plan.
(717) 933-9345
Willow Hill Farm/Farm Crest Feeds

OPERATE YOUR OWN BUSINESS
Portable and Stationary Textureator Feed Processing Business
Available in New Areas
For Information Call
Feedmobile, Inc.
717-626-2680

PRODUCTION MANAGER
For 200 acre fruit and vegetable farm located in Belvidere, New Jersey. Must be experienced in spraying, planting, and general maintenance of fruits and vegetables. Also opportunity for other family members to work in market. Housing available.
Send resume and salary history to:
Matarazzo Farms
RR 03 Box 258, Belvidere,
New Jersey 07823
or call (908) 475-3872

Commission sales representatives wanted to sell hay and silage preservatives. Conduct business out of your own home. If interested, send response with name, address and telephone number to:
Box J-59
c/o Lancaster Farming
P.O.B. 609
Ephrata, PA 17522

FEED SALESPERSON
To assume duties/develop clients in partially established sales area (New Holland/ Ephrata/Lancaster). Must have strong dairy background, sales experience, and live in/near sales area. Salary, commission, and fringe benefits. If you enjoy the dairy business and working with dairy clients, this is a real opportunity to work for an established company with an excellent reputation. Will help relocate the right person.
ALL REPLIES KEPT CONFIDENTIAL
Send Resumes to:
Lancaster Farming (G132)
P.O. Box 609
Ephrata, PA 17522

26 HOUSEHOLD

FREE FREE FREE Watkins Products Catalog!! Call now (908)719-2239 (24 Hours/Day)

Glenwood 1250 Woodstove w/water jacket, new coils & fire bricks, excellent condition 215/286-9343

Wood burning log stove w/ water coil to tie w/hot water system, $250; Leather sewing machine, $75. Bucks 215-536-6094

AI Employment Opportunities
Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:
Atlantic Breeders Cooperative
1575 Apollo Drive
Lancaster, PA 17601

The stove is around 90 years old. There are 68 windows in all. There is a copper and brass dome. 3/4 of the stove is nickel. If you need more information, please call
(814) 667-3809

26 HOUSEHOLD

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

AKC Basset Hound male, proven stud. 717/776-3917

AKC Dalmation pups, black and white, ready 1/14/94, $250 each (717)865-3488

AKC Great Dane male, fawn, 9 weeks old, $300 Litter of 5 ready 1/14/94 Champion bloodlines, $400 each (717)865-3488

AKC LAB PUPS, shots & wormed, ready mid-January, $275 410/378-4616

Border Collie pups for sale 814-623-9370

Border Collie/Kelpie puppies for working farms, both parents working. Shots, wormed. Ready to go. For more information 814-623-7778.

Brittany Spaniels, pups and started dogs, AKC, male and female, class gun dogs 410-357-8463 evenings

Chow-Chows for Christmas, 6 weeks old, ACK, home raised with TLC, $300/ea Lancaster Co 717-664-2430 after 6 30PM

English bulldog puppies, top quality, white male, brown & white female, $500/each 717/349-2641.

FRESH FROZEN MEAT FOR DOGS & CATS 215/286-9400, 800/234-2697

PUPPIES Mastiff, $550; Chihuahuas $200 w/ papers, Tea Cups $300; Australian Shepherds, Chihuahuas, no papers, $95 Lancaster Co 717-665-4537.

Quality Eagle dog food, no soy, wheat middlings, hair or feathers Quantity discounts We make deliveries (717)658-6529.

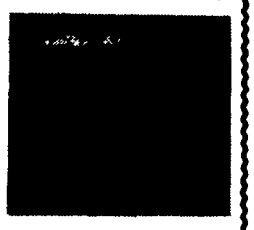
WANTED. German Shepherd pup, must be black and silver, big boned, finish at over 120 lbs., male, 8 weeks 410-392-6038.

WANTED TO BUY. Puppies and kittens, mixed breed & AKC for resale in pet store Call when young for pick-up at 7 weeks. Fair price paid Call Norman Wheeler 215-380-1445

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds.
Transportation provided.
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259

Miniature registered Babydoll pet sheep, unique, very tiny and friendly, starting at $500 215-297-0767.

QUALITY DOG KENNELS



AND ACCESSORIES
- **Galvanized Tubing**
- **Galvanized Wire**
- **33" Opening**
- **Free Standing**
- **Optional Plastic Floor**
- **Insulated Dog Boxes**
- **Kennel Awnings**

(717) 355-0360
Quality Fencing & Supply
147A Amishtown Rd.
New Holland, PA

AKC PUPPIES WANTED
All Breeds - Part and Whole Litters
Resold As Pets - We Pick Up
DON'T SELL TILL YOU CALL US
"CALL NOW" 717/822-2033

Free Breeder Females
2 Adult Dobermans & 2 Rottweilers Available on Breeders Terms. Must Live in Berks, Chester or Lancaster County
215-933-3600

$ $ $ $ $ $ $ $ $ $ $ $ $ $
CASH FOR PUPPIES
IN LITTER LOTS
For Resale As Pets
Cash Paid
Will Pick Up
Call Charlie Hackett
For Prompt Pickup
215-681-5236
$ $ $ $ $ $ $ $ $ $ $ $ $ $

31 NOTICE

Wanted to buy - wide attic flooring, old log cabins - summer kitchens - early timber - frame houses - Indian doors - wide/thick roofer boards - interior salvage of early stone & brick houses. *I pay the most & travel anywhere.*
(215) 857-1002 anytime

WANTED TO BUY!
Seasoned Hardwood Firewood
- **Minimum Purchase of 5 Cords**
- **Paying 85.00 Per Full Cord Delivered To Our Stores.**

SKH STAUFFERS of Kissel Hill

Call any of our stores for details

- **Lititz.....c/o Pete Schmidt.....717-627-7654**
- **Lancaster.....c/o Larry Stoltzfus.....717-569-2688**
- **Rohrerstown.....c/o Steve Gallion.....717-397-4717**
- **Leola.....c/o Gene Bruckhart....717-656-2336**
- **East York.....c/o Hans Groff.....717-840-4026**
- **North York.....c/o Bruce Denlinger...717-848-5568**
- **Harrisburg.....c/o Dave Schirmer.....717-657-1760**

32 MISCELLANEOUS

Pull around lift Lifts 1000#, goes 7½' high, runs w/ hydraulic complete unit and engine John Esh, Peach Lane, Ronks, PA 17572

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock 30 Day Free Trial! 1 Year Warranty Call For Low Prices 1-800-445-4669 Terre Hill, Pa

Strick 18 aluminum truck box, good storage shed, dry, $300 410-392-6038

WANTED USED band saw mill or portable circular mill 410/820-2191 evenings

WANTED Used tools and machinery Buy, Sell, Trade, Consign or Finder BJ TOOL & SUPPLY, RT 422W, Myerstown, PA 1-800-772-9845

Wildlife prints Redlins, Smith, Kray Buying and selling Also, stamp prints for sale 215-285-2404

32 MISCELLANEOUS

6 L B Ebersole chairs, like new air powered parts washer for engine shop, good condition Delivery available to Lancaster Co 814/623 1907 evenings

BAHAMA CRUISE! 5 days/4 nights, Underbooked! Must Sell!! $249/Couple Limited Tickets 407/767-0208 ext 5886, Mon Sat 9am to 10pm

Farm Toys-Collector Series, Show Tractors, Pedal Tractors Trucks-for sale at all times Visit our large display during business hours Wengers Farm Machinery, Inc, 251 S Race St, Myerstown, PA 717/866-2130

FISHING TACKLE WANTED Old reels, wooden lures, rods, nets, advertisments 215-660-9995

FOR SALE Maytag wringer washers, round and square tubs, good condition Call 717-768-7440, 717 769-8369

Heavy duty used pallett racking for sale (800)239-0921

New 47hp, 3 cylinder, 3 152 Perkins engines, $2,400 (717)354-4801

PAYING TOP DOLLAR FOR ORIGINAL WIDE ATTIC FLOORS WE REMOVE 717/229-2806

PAINTED STEEL ROOFING & SIDING
- Galvanized/Galvalume
- 29/26 Gauge
- 3 Major Brands Available
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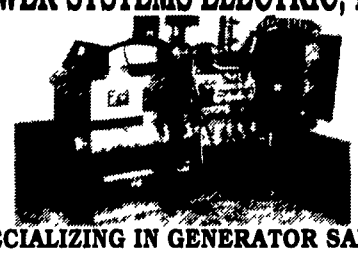

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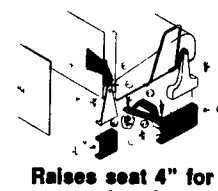

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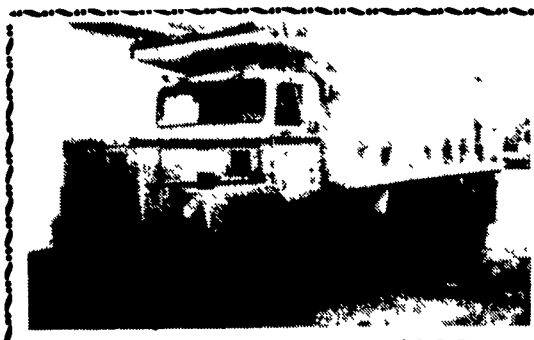

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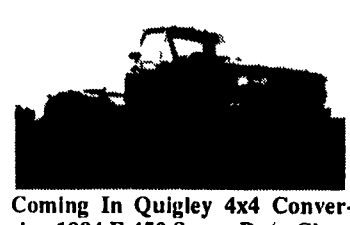
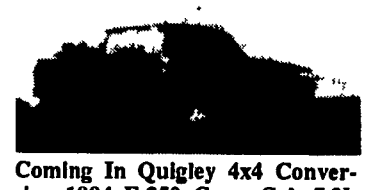
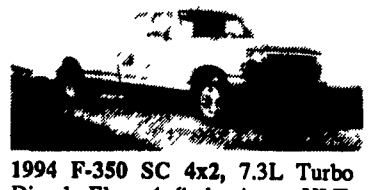


Coming In Quigley 4x4 Conversion 1994 F-450 Super Duty Chassis Cab, XL, 7.3L Diesel, 5 Spd. Manual w/OD, 5.13 Regular Rear Axle, Dark Blue w/Royal Blue Interior Stock #5945.



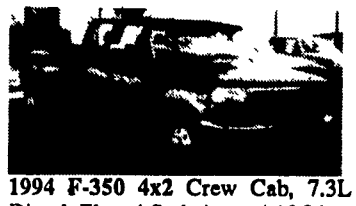
Coming In Quigley 4x4 Conversion 1994 F-350 Crew Cab 7.3L Turbo Diesel, Elec. 4 Spd. Auto, 4.10 Limited Slip Rear Axle, Camper Package, A/C, Speed Control, Tilt Steering Wheel, Power Door Locks/Windows, Red w/Gray Interior Stock #7819.

1993 F-350 4x2 Utility Truck, 5.8L EFI, V8, Elec. 4 Spd., Auto, 3.55 Regular Axle, 133 Inch Wheelbase, Super Engine Cooling, HD Battery, Bright Red w/Dk. Charcoal Interior. Stock #3275.



1994 F-350 SC 4x2, 7.3L Turbo Diesel, Elec. 4 Spd., Auto, XLT, 4.10 Limited Slip Rear Axle, Camper Package, Speed Control, Tilt Steering Wheel, Power Doors, Power Locks, Tucson Bronze w/Mocha Interior Stock #4520.

1994 F-450 SD Chassis Cab, 4x2, XL, 7.3L Diesel V8, 5 Spd., w/OD, 5.13 Rear Axle, 137 Inch WB, Red w/Grey, Vinyl Interior Stock #7838



1994 F-350 4x2 Crew Cab, 7.3L Diesel, Elec. 4 Spd. Auto, 4.10 Limited Slip Rear Axle, Trailer Towing Package, A/C, Speed Control, Tilt Steering Wheel, Power Door Locks/ Windows, Emerald Green w/Grey Interior Stock #7825.

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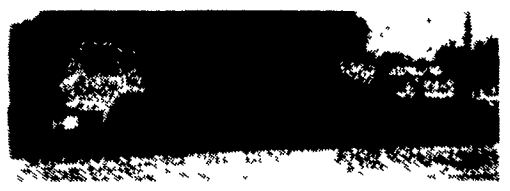

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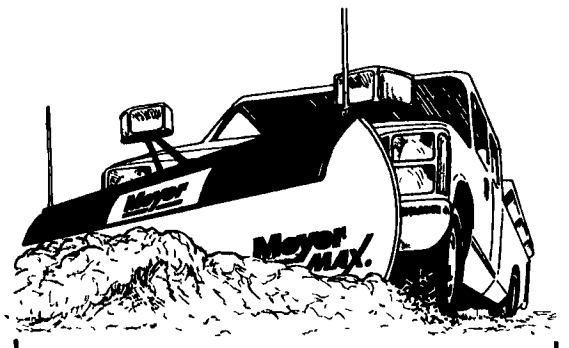

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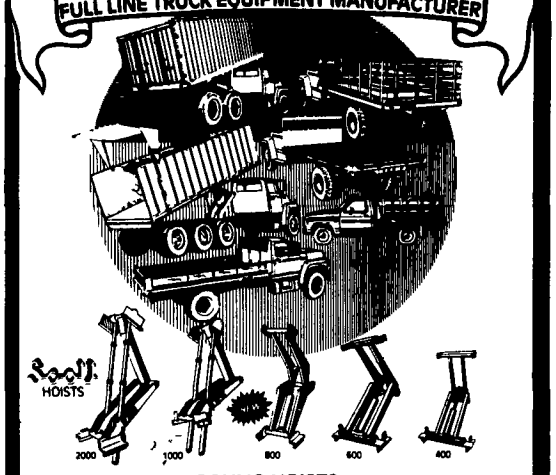

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89 Ford F350
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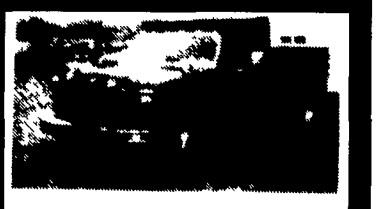
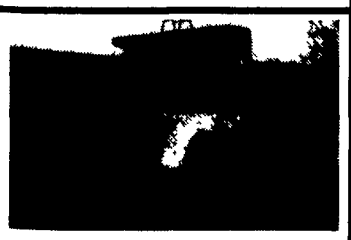


86 Ford F350 Dump
w/Plow, 351, Stick, 8' Dump, 7½ Myers Plow, Green w/Black Box, 58,100 mi., #F159



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10 Ton Dump
$2,500

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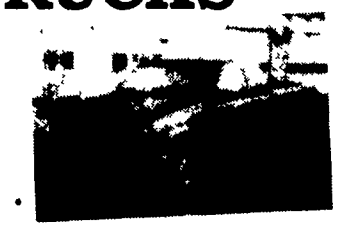
90 Ford HiTop Cargo Van, Water Damage.....$4,500
88 Chevy Cargo Van, Water Damage.....$2,900
89 Jeep Cherokee 2 Dr., Water Damage $5,900
90 Jeep Wrangler 6 Cyl., Auto, Theft.....$5,500
85 Jeep Cherokee 4 Dr., R. Side Damage.....$2,500

1992 Ford Thunderbird V6, AT, Loaded, Black, 58,000 Mi...$10,600
1992 Mitsubishi Eclipse GS 16V 4 Cyl., 5 Spd., Loaded, White, 37,900 Mi.....$10,900
1992 Ford Aerostar XLT Ext. 7 Pass., V6, AT, Loaded, Blue/White, 38,600 Mi.....$12,900
1990 Chevy Beretta GTZ Quad 4, H.O. 5 Spd., Loaded, Black, 39,800 Mi.....$7,900
1989 VW Jetta GL, 4 Dr., 4 Cyl., AT, AC, AM-FM Cass., Black, 71,000 Mi.....$6,900
1989 Pontiac Grand Prix V6, 5 Spd., Loaded, Maroon/Gray, 60,400 Mi.....$7,400
1989 Ford Aerostar Ext. 7 Pass., V6, AT, AC, CR, Tilt, AM-FM Cass., Blue/Silver, 64,500 Mi.....$7,900
1988 Chevy Beretta GTU, V6, AT, Loaded, Red, 51,300 Mi.....$5,900
1988 Chevy Camaro V6, AT, AC, AM-FM Cass., Maroon, 37,700 Mi.....$5,500
1986½ Nissan Ext. Cab, XE, 4x4, 4 Cyl., 5 Spd., AM-FM Cass., Black, 95,600 Mi.....$6,600
1985 Chevy Beauville 8 Pass., 6.2 Diesel, AT, Loaded, Dual AC, Blue/Silver, 181,500 Mi.....$4,900

Brubaker's Auto Sales
Myerstown, PA
717-866-5237

USED TRUCKS

88 Ford F-250 XLT Lariat 7.3 Diesel, Auto, PS, PB, AC, Cruise, Tilt Wheel, AM & FM Stereo, Dual Tank, Two Tone Brown & Tan, 57,000 Miles.
$10,900.00



88 GMC SLE Sierra, 1500, 4x4, Ext. Cab, 350 F.I. Eng, At Old, AC, PDL, PW, Cruise, Tilt, AM-FM Cass., Dk. Blue, PA 1 Owner, 64,000 Miles
$12,800.00

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IS YOUR
GM Goodwrench ENGINE
HEADQUARTERS

GM GOODWRENCH 350 V8 1973-85
Part Number 10067353
New Engine - Not Rebuilt
36 Month or 50,000 Mile Warranty
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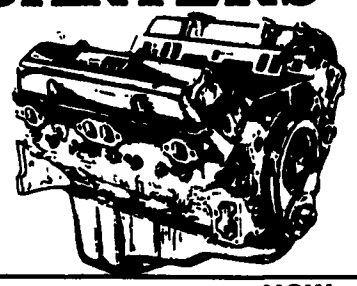

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Hours: Mon.-Fri. 7:30-5
(717) 394-0711

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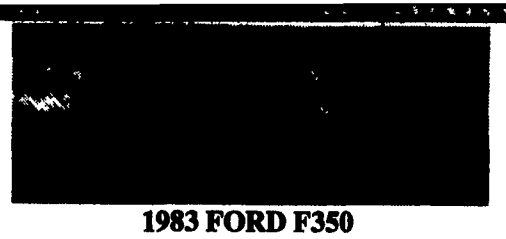

1983 FORD F350
6.9 Diesel Roll Back, 1 Owner, Very Nice, 82,761 Miles
$10,900

85 CHEVROLET 6.2 DIESEL
Crew Cab, w/8 Ft. Stake Dump, 10,000 GVW
$7,900

'85 GMC
9 ½ Dump Stake, 350, 4 Speed
$7,900

'85 MACK DIESEL
29,500 GVW, 20 Ft. Box,, Lift Gate, Nice
$8,450

'90 DODGE PICKUP
318 Auto, PS, 68,204 Miles
$5,400

1990 Chevrolet Cargo Van.....$5,900
1989 Chevrolet Cargo Van.....$4,900
1981 Internation Dump Diesel.$8,700
1990 Ford 4x4 Extra Cab V-8...$8,700
1989 Toyota 4x4 Pickup.....$9,900
1987 Ford F250 4x4.....$4,900

85 CHEVROLET SUBURBAN SILVERADO 4X4
Diesel, Auto, AC, 148,161 Miles, Nice
$7,900

FORD 86 F700
20 Ft. Stake Tk., 28000 GVW, 370 Gas, 5 Spd., 68,700 Miles, Nice
$7,900

WILLIAM H. WESSELS USED CARS
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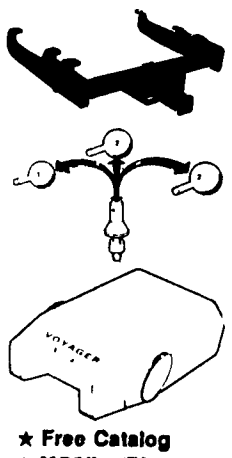

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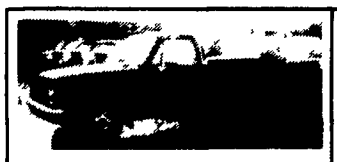
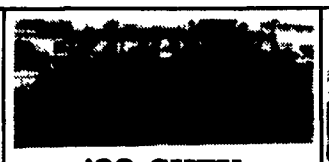
Trades accepted at actual cash value
Must present this ad at time of purchase for sale price.

JONES BEST BUY USED TRUCKS

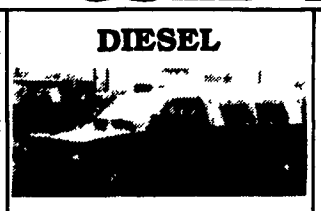


84 CHEV C1500
V8, AT, Black, 86,000 Miles, Heavy Duty #7908
Was $4,995
SALE **$3,350**



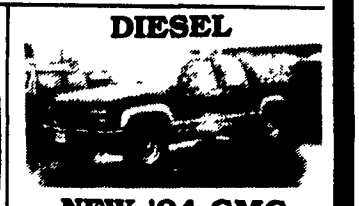
'92 CHEV BEAUVILLE VAN
15 Pass, AT, AC, 350, 20,000 Miles, Vinyl Seats #7800
Was $18,900
SALE **$16,400**

DIESEL



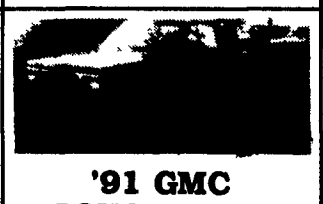
'84 ISUZU PUP
4 Cyl., 5 Spd., #7915
Was $3,900
SALE **$2,900**

DIESEL

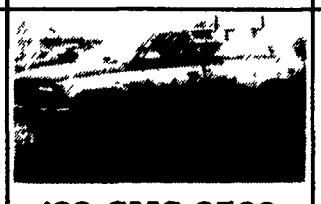


NEW '94 GMC SUBURBAN 3/4
4x4, 6.5 Turbo, 6.5 Turbo Diesel, Yes 6.5 Turbo Diesel!! #0968

'89 DODGE CARGO VAN
AT, V8, #7910
Was $4,900
SALE **$2,975**

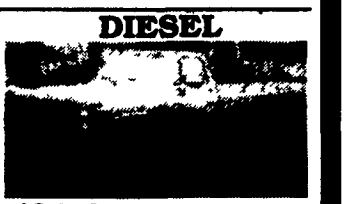


'91 GMC SONOMA 4x4
Bucket Seat, 4.3 V6, AT, AC, Sierra Classic #7850
Was $15,400
SALE **$12,875**

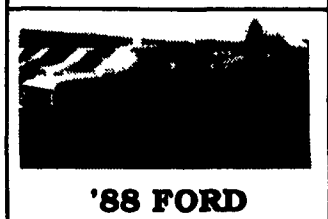


'93 GMC 3500
454, AT, AC, SLE, 10,000 GVW, #7906
Was $21,995
SALE **$19,950**

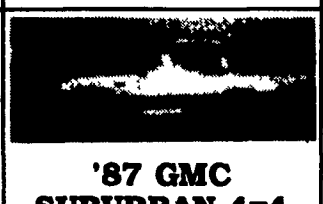
DIESEL



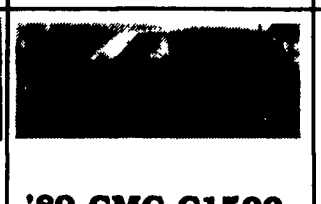
'84 CHEV C1500
Diesel, Silverado, 6.2 Liter, 4 Spd., AC #7895
Was $4,995
SALE **$3,700**



'88 FORD RANGER XCAB 4x4
V6, AT, AC, XL, #7883
Was $10,900
SALE **$9,250**



'87 GMC SUBURBAN 4x4
Sierra Classic, 350, AT, AC, 9 Pass. 54,000 Miles #7878
Was $14,700
SALE **$12,100**



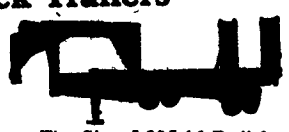
'89 GMC C1500
AT, 350, AC, Cap #7860
Was $11,900
SALE **$9,750**

DIESEL

NEW 94 GMC K3500 CLUB CAB
4x4, 10,000 GVW, 6.5 Turbo AT, AC, #0438
Was $30,594
SALE **$29,800**

This Week's Specials

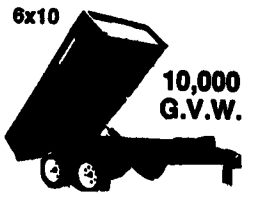
Gooseneck Trailers



FEATURES:
14,000 G.V.W. (2) Axles
Flip-Up Beavertail
I-Beam Design
Stake Pockets With Rub Rail
Adjustable Gooseneck
Electric Brakes On All Axles
Drop Leg Jack

Tire Size -L235-16 Radial
Load Range
8'x20' Deck Length
8'x24' Deck Length
PRICE $3695
Any Size, Your Choice

DUMP TRAILER



$2,995

RINGO HILL FARMS EQUIP. CO., INC.
1624 Rt. 212, Pleasant Valley • Quakertown, PA 18951
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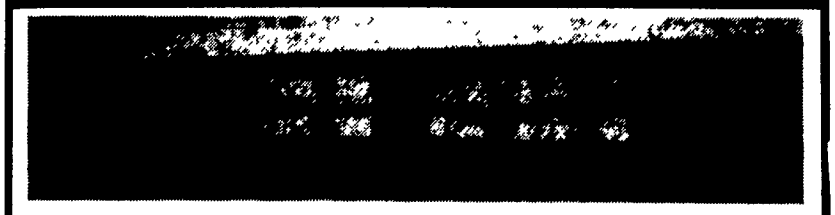

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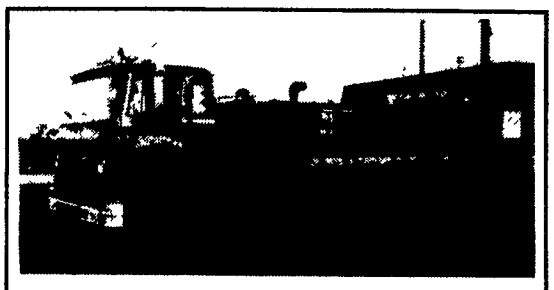
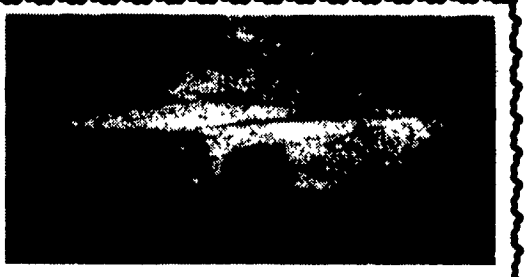


1978 Int. 1710
26,500 GVW, 404 Engine, Auto. Trans. 8,000 Miles, 1350 Gal. Water Tank 500 GPM Pump, Plus Accessories
717-637-2610 Leave Message



1988 Chevrolet Cheyenne 3500 6.2 Diesel, Auto, PS, PB, AM-FM Stereo, Very Nice, 1 Owner
$6,995
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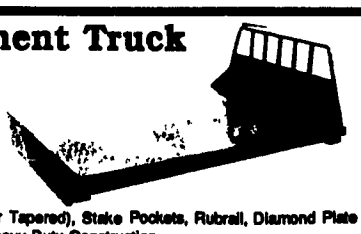


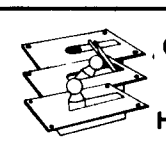
Standard Features Include:
Headboard (Square or Tapered), Stake Pockets, Rubrail, Diamond Plate or 2" Wood Floor, Heavy Duty Construction

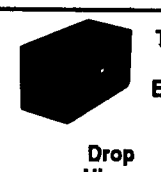
Length	Width	Frame Width	Price
7 Ft.	66 or 78"	34, 38 or 40"	$595
8½ Ft.	80 or 90"	34 or 38"	$595
10 Ft.	90"	34 or 38"	$725
11 Ft.	90"	34 or 38"	$950
12 Ft.	90"	34 or 38"	$995
14 Ft.	90"	34 or 38"	$1100
16 Ft	90"	34 or 38"	$1300
18 Ft.	90"	34 or 38"	$1500
20 Ft.	90"	34 or 38"	$1800

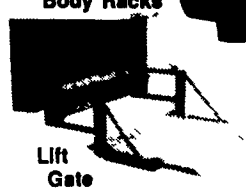
EZ Dumper

TURN YOUR PICKUP INTO A DUMP TRUCK IN LESS THAN ONE HOUR.

Sale
$1895







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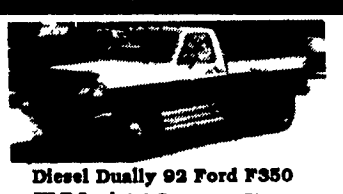
4x4 Crew Cab Dually.
83 Chevy Runs Great, New Inspection, V8, Auto, Excellent Body
$7,900

4 Wheel Drive Chassis
92 Ford F-350 7.3 Diesel, Auto, A/C, 11,000 GVW, 4:10 Axle, 20,000 Miles

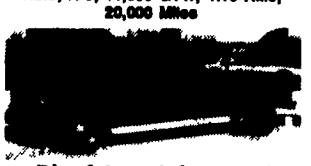
Aluminum Step Van
92 Chevy 16 Ft. Aluminum Grumman Body, 6.2 Diesel, Auto



Diesel Dually 92 Ford F350
XLT Lariat A Beauty 7.3 Diesel, Auto, O/D, A/C, 4:10 Axle, Tow Pkg., Gooseneck Hitch

Crew Cab Dually
89 Chevy 3500 A Beauty, 48,000 Miles, Silverado, 454 f.i. Auto, A/C, Class 3 Hitch

Awesome Power 91 Dodge D-350 Dually LE Model, Cummins Turbo Diesel, Auto, Tow Pkg.

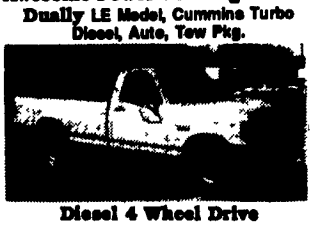


Diesel Crew Cab 89 Ford F-350 XLT Lariat
7.3 Diesel, AT, AC, Bumper Hitch, Running Boards, Chrome Wheels, 55,000 Miles

Utility Truck 89 Ford F-350
H.D. 8600 GVW, 351 f.i. Auto, 8 Ft. Reading Box

89 Ford F-450 Super Duty 35,300 Miles, Very Nice, 460 f.i., 5 Sp., O/D, 14,500 GVW, 9 Ft. Body

4x4 Dump 91 Ford F-350
A Beauty, 40,500 Miles, 460 f.i., 5 Sp O/D, 11,000 GVW, 8 Ft. Body

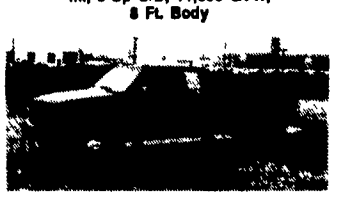


Diesel 4 Wheel Drive
89 Ford F-250 Heavy 8600 GVW, 7.3 Diesel, 5 Spd., 4:10 Axle, 32,000 Original Miles

Diesel Cube Van, 91 Ford E-350 7.3 Diesel, Auto, Roll Up Door, New Inspection

A Beauty 90 Ford F-350 Super Cab Dually
Strong 7.3 Diesel, Auto, O/D, A/C, Chrome Wheels, Custom Paint, Drives Like A Dream, 38,000 Miles

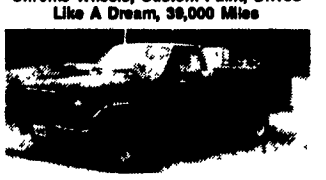
4x4 Chevy 88 Chevy 2500
Real Nice, 350 f.i., Auto, A/C



4x4 Dually 89 Chevy 3500 Super Cab 454 f.i., Auto, A/C, Silverado, Limited Slip Axle, 53,000 Miles

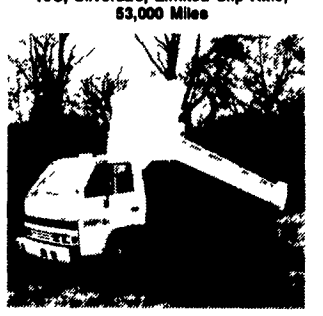
Super Cab Dually
89 Ford F-350 XLT Lariat
Strong 460 f.i. Auto, AC, Captain Chairs, Tow Pkg., Trailer Brake

Dodge Extend Cab Dually
92 Dodge 350 LE Cummins Turbo Diesel 5 Sp O/D, Tow Pkg., Captain Chairs, 30,000 Miles



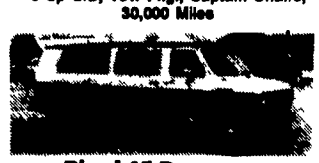
4x4 86 Ford F-150
High Output 351 V8, Auto, A/C, Dual Tanks, Very, Very Nice

4 Door Diesel 92 Ford F-350 XLT Lariat 7.3, 5 Speed, AC, Very Strong, Ready To Pull

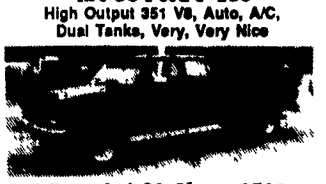


Turbo Diesel Dump 90 GMC Cab Forward 13,200 GVW, Auto, PTO, Hydraulic Lift, Tool Box, 46,000 Miles

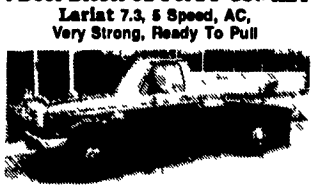
14 Ft. Box 89 Ford
Super Duty Big 14,500 GVW, It Will Haul A Load, 5 Spd., A/C, 48,000 Miles
$13,900



Diesel 15 Passenger
86 Ford E-350 Diesel Power, Auto, Frt. & Rear Heater & A/C, 58,000 Original Miles, Real Clean



4 Door 4x4 90 Chevy 3500
454 f.i. auto, A/C, Solid Front Axle, 2 Tone, Real Nice



Chassis Cab
89 Ford F-350
Single Rear Wheel, 7.3 Diesel, Auto, AC, Dual Tanks, 45,100 Miles

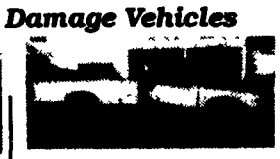
Anthony Landis AUTO BODY & SALES

[illegible] Hanson Hwy
New Holland, PA • [illegible]

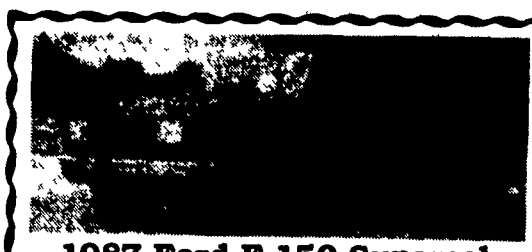
Specializing in Rebuilt Collision Damage Vehicles

'89 CHEVY SILVERADO LONG BOX
350, AT, PS, PB, AC, T.H cruise, cass., 37,000 Mi., Needs left 3/4 front & left hand bed side repair.
$4,650

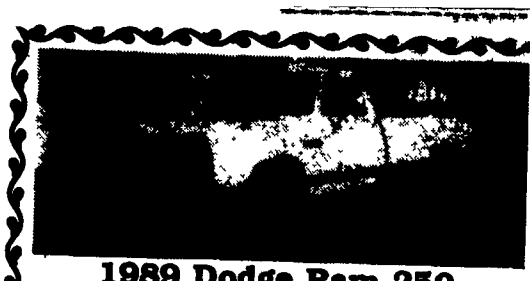
'86 CHEV C-10 SILVERADO
305, AT, PS, PB, AC, T.H, Cruise, Cass, PW, PDL,57,000 M., PA Salvage
$2,700



'91 CHEVY S-10 TAHOE LONGBOX
2.8 V-6, 5 Spd., Cass, 27,000 Mi., took pole on left side w/parts
$3,300

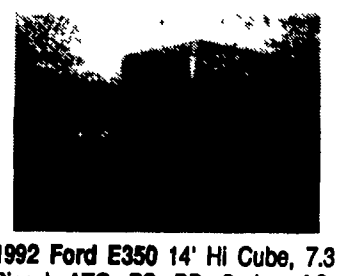


1987 Ford F-150 Supercab
F.I. 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Dual Tanks, Full Rear Seat, 6½ Ft. Bed, Good Condition,
Priced To Sell **$4,995**
Countryside Auto Sales
Manheim, PA
(717) 664-2170 Office



1989 Dodge Ram 250
250 Cummins Turbo Diesel, PS, PB, Air Cond., AM-FM Stereo, One Owner, Very Nice
$9900 Or Best Offer
Countryside Auto Sales
Manheim, PA
(717) 664-2170 Office

1992 F700 w/24' Box With Lift Gate, 6.6 Diesel (170 HP) 5+2 Speed, PS, PB, AC, 24,500 GVW (No CDL) 11Rx22.5, 23,000 Miles.



1992 Ford E350 14' Hi Cube, 7.3 Diesel, ATO, PS, PB, Cruise, AC, 10,700 GVW, 25,000 Miles, Like New.

Four Way Auto Sales
770 West Main St., New Holland, PA 17557
717-354-3199

1989 Int 1900 Series DTA 466
Engine Brake, 7 Sp. Spicer Trans, 172,000 Miles, 11R22.5 Rubber, Double Frame, 35,000 GVW, PS, Air Dryer With 1989 26' Eby Cattle & Hog Body With Decking Roll Up Side Door With Ramp, Drop Door & Roll Up Door on Back, Tool Box & Clean Out Door On Pass. Side Excellent Condition
$27,000 OBO Will Separate
717-398-7844 or 1-800-362-6489
No Ad Solicitors

1986 Ford F-250
300 Cubic Inch, 6 Cyl., 4 Speed, PS, PB, AM-FM Cass., Dual Tanks, Dark Blue Finish, Very Good Condition
$4,500
Countryside Auto Sales
Manheim, PA
(717) 664-2170 Office

OLDSMOBILE Product Of G.M. 1994 Model Selling Season In Full Swing. Before You Buy-Check Reedman's Deal

1994 OLDS CUTLASS SUPREME HDQS
For Sale #048
New 1994 Olds Cutlass Supreme 2 Dr Cpe, Special Edition V6, AT, AC, VIN RD319816 MSRP $16,995

1994 OLDS ACHIEVA HDQS
$2459.00 Off #047
Is $1709 Off MSRP & Includes A $750 Rebate New 1994 Olds Achieva Sdn V6, AT, AC, VIN RM011025 MSRP $18,008 Our Price $15,549

1994 OLDS "88" HDQS
$3659.00 OFF #031
Is $2909 Off MSRP & Includes A $750 Rebate New 94 Olds "88" Royale Sdn, V6, AT, AC, VIN RH317104 MSRP $23,858 Our Price $20,299

1994 OLDS CIERA HDQS
2724.00 OFF #049
Is $1974 Off MSRP & Includes A $750 Rebate. New 1994 Oldsmobile Cutlass Ciera 4 Dr Sdn, V6, AT, AC, VIN R6332675 VIN R6332675 MSRP $19,023 Our Price $16,299

'94 OLDS "98" REGENCY ELITE HDQS
$4567.00 OFF #001
Is $3817 Off MSRP & Includes A $750 Rebate New 1994 Olds "98" Regency Elite V6, AT, AC, VIN R4301002 MSRP $30,666 Our Price $26,099

1994 OLDS BRAVADA HDQS
$3371.00 OFF #014
Is $2371 Off MSRP & Includes A $1000 Rebate New 1994 Olds Bravada Spt Utility V8, AT, AC, VIN R2702673 MSRP $27,120 Our Price $23,749

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33 New - 1993/94 C1500 2 WD Pickups
13 New - 1993/94 C-2500 & C3500 2 WD P/U's
25 New - 1994 K1500 & K2500 4 WD P/U
25 New - 1994 Astro Pass Mini Van
3 New - 1993/94 Sport Vans
30 New - 1994 Lumina Mini Pass Vans
15 New - 1994 Geo Trackers
84 New - 1994 S10 Blazers 2 Dr & 4 Dr
45 New - 1994 S-10 Pickups
5 New - Suburbans/K-5 Blazers

SHOP REEDMAN PRICES - IN STOCK
140 New 1994 Oldsmobile Models
40 New - 1994 Corvette Cpes, Convts
145 New - 1994 Lumina Sdns, Cpes, Euros,
50 New - 1994 Camaro Cpes
80 New - '1994 Cavalier Cpes, Sdns, Z-24's & Wagons
25 New - 1994 Corsicas, Beretta 4 New - 1994 Caprice, Classic Sdns
27 New -1994 GEO Prizms, Metros,

'94 Jaguars
Jaguars - For Sale Or Lease Some For Immediate Delivery. Ask Reedman The Amount They Will Give Off Mfg. List Price
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20 New - 1994 Stealths
55 New - 1994 Spirit Sdns
50 New - 1994 Shadow 2 Dr, 4 Drs
210 New - 1994 Caravans, Voyagers, & Town & Countrys
75 New - 1994 Intrepids

SHOP REEDMAN PRICES - IN STOCK
15 New - 1994 Dakota Pickups
6 New - 1994 Dodge Ram Pickups
2 New - 1993 250 Pickups
60 New - 1994 B-150,250,350 Cargo Vans
35 New - 1994 150,250,350 Wgns
3 New - 1994 Customize Vans

SHOP REEDMAN PRICES - IN STOCK
80 New - 1994 Concords
5 New - 1993/94 Lebaron Convt.
43 New - 1994 Aeolsims Sdns
55 New - 1994 Sundances 2 & 4 Drs
25 New - 1994 LeBaron Sdns/Landau's
9 New - 1994 Lasers
22 New - 1994 New Yorkers & LHS's
210 New - 1994 Voyagers, Caravans & Town & Countrys

SHOP REEDMAN PRICES - IN STOCK
45 New - 1993/'94 Mark VIII Spt Cpes
30 New - 1994 Continental Sdns
85 New - 1994 Lincoln Town Cars
80 New - 1994 Cougar Spt Cpes
106 New - 1994 Sable Sedans & Wgns
75 New - 1994 Grand Marquis Sdns
50 New - 1993 Villager Mini Vans
28 New - 1994 Topaz
16 New - 1994 Tracers

CHEVROLET TRUCK HEADQUARTERS
Shop Reedman Prices 675 Chevy Trucks & Cars Revolving Inventory

1994 S-10 BLAZER HDQS
$4930.00 #318
Is $2230 Off MSRP & A $1500 Rebate Plus A $1200 Fact Equip Pkg Discount. New '94 Chevy S10 Blazer 2 Dr 4 Whl Dr Tahoe W/PEG CAA3 V8, AT AC VIN R0110267 MSRP ★ $22,620. Our Price $18,890

1994 4 Dr S10 BLAZER HDQS
$4415.00 #123
Is $2215 Off MSRP & A $1000 Rebate Plus A $1200 Fact Equip Pkg Disc New '94 Chev S-10 Blazer 4 Dr 4 Whl Dr W/PEG DAA3 V6 AT AC VIN R2126195 MSRP ★$23,014. Our Price $19,799

1994 S10 PICKUP HDQS
$640.00 #239
Is $640 Off MSRP. New '94 Chev S10 Pickup 2 Whl Dr Mdl 4 Cyl, 5 Spd, No AC, VIN RK123582 MSRP $10,139. Our Price $9499

1994 PICKUP HDQS
$1545.00 #020
Is $1195 Off MSRP & A $350 Fact Equip Pkg Disc New '94 Chev C1500 P/U 2 Whl Dr Mdl W/PWT2 V6, AT, AC, VIN RZ112151 MSRP ★$13,694 Our Price $12,499

1994 4x4 PICKUP HDQS
$3373.00 #101
Is $2473 Off MSRP & A $900 Fact Equip Pkg Disc New 1994 Chev K1500 Pickup 4 Whl Dr V8, 5 Spd AC, VIN RZ150527 MSRP ★$20,072 Our Price $17,599

1993 PICKUP HDQS
$4387.00 #276
Is $2487 Off MSRP & A $1000 Rebate & A $900 Fact Equip Pkg Disc New '93 Chev C-1500 2 Whl Dr Silverado Mdl V8, AT, AC, VIN PZ233465 MSRP ★$20,286 Our Price $16,799

$2321.00 #015
Is $2321 Off MSRP. New 1994 Chev Suburban 2 Whl Dr Model, W/Pkg N1A1 & HD Trailer Tow V8, AT, AC, VIN RJ319589 MSRP ★$24,110. Our Price $21,789

1994 ASTRO PASS MINI VAN HDQS
$3239.00 #096
Is $1539 Off MSRP & A $500 Rebate Plus A $1200 Fact Equip Pkg Disc. New '94 Chev Astro Pass Mini Van Pass CS Mdl V6, AT, AC, VIN RB103069 MSRP ★$18,438 Our Price $16,399

We Accept Major Credit Cards In All Our Service Departments.

1994 CAPRICE HEADQUARTERS
$4182.00 OFF #035
Is $2682 Off MSRP & Includes A $1500 Rebate. New '94 Caprice 4 Dr Sdn, V8, AT, AC, VIN RR113344 MSRP $21,781 Our Price $17,599

1994 CAVALIER HEADQUARTERS
$1236.00 OFF #121
Is $736 Off MSRP & Includes A $500 Rebate. New 1994 Cavalier VL 4 Dr Sdn 4 Cyl, AT, AC, VIN R7147773 MSRP $11,535 Our Price $10,899

1994 LUMINA APV MINI VAN HDQS
$3311.00 #012
Is $1914 Off MSRP & A $500 Rebate Plus A $900 Fact Equip Pkg Disc. New 1994 Lumina APV Mini Van, V6, AT, AC, VIN RT106083 MSRP ★$19,613 Our Price $17,899

1994 LUMINA HEADQUARTERS
$2956.00 OFF #141
Is $1956 Off MSRP & A $1000 Rebate. New 1994 Lumina 4 Dr Sdn, V6, AT, AC, VIN R1110091 MSRP $16,455 Our Price $13,499

1994 LUMINA EURO COUPE HDQS
$3178.00 OFF #103
Is $2178 Off MSRP & A $1000 Rebate. New '94 Lumina Euro 2 Dr Cpe, V6, AT, AC, VIN R9130274 MSRP $18,177 Our Price $14,999

1994 CORSICA HEADQUARTERS
$1696.00 OFF #009
Is $946 Off MSRP & Includes A $750 Rebate. New '94 Corsica 4 Dr Sdn 4 Cyl, AT, AC, VIN RY100360 MSRP $13,495. Our Price $11,799

1994 GEO PRIZM HEADQUARTERS
$771.00 OFF #038
Is $771 Off MSRP. New 1994 Geo Prizm 4 Dr Sdn 4 Cyl, AT, AC, VIN RZ016826 MSRP $13,670 Our Price $12,899

1994 CAMARO HEADQUARTERS
$1062.00 OFF #021
Is $1062 Off MSRP. New '94 Camaro 2 Dr Spt Cpe, V6, AT, AC, VIN R2101430 MSRP $16,361 Our Price $15,299

1994 BERETTA HEADQUARTERS
$1746.00 OFF #023
Is $746 Off MSRP & A $1000 Rebate. New '94 Beretta 2 Dr Cpe, 4 Cyl, AT, AC, VIN RY109287 MSRP $13,295. Our Price $11,549

1994 CORVETTE HEADQUARTERS
$8170.00 OFF #074
Is $5470 Off MSRP & Includes A $3000 Rebate. New 1994 Corvette 2 Dr Cpe, V8, AT, AC, VIN R5108074 MSRP $39,469 Our Price $30,999

1994 CORVETTE CONVT HEADQUARTERS
$9296.00 OFF #071
Is $6296 Off MSRP & Includes A $3000 Rebate. New 1994 Corvette Convt V8, AT, AC, VIN R5105358 MSRP $45,594 Our Price $36,299

1994 CAVALIER HEADQUARTERS
$113.00 OFF 217
Is $633 Off MSRP & Includes A $500 Rebate. New 1994 Cavalier VL 2 Dr Cpe, 4 Cyl, AT AC, VIN R7187980 MSRP $11,102 Our Price $9999

1994 CAVALIER Z-24 HDQS
$1836.00 OFF #082
Is $1336 Off MSRP & Includes A $500 Rebate. New '94 Cavalier Z-24 Spt Cpe, V6, AT, AC, VIN R7146830 MSRP $15,135. Our Price $13,299

1994 LUMINA Z-34 HEADQUARTERS
$3406.00 OFF #127
Is $2406 Off MSRP. & Includes A $1000 Rebate New 1994 Lumina Z-34 Spt Cpe V6, AT, AC, VIN R9126996 MSRP $20,005 Our Price $16,599

1993 CAVALIER CONVT HDQS
$3389.00 OFF #441
Is $1689 Off MSRP & Includes A $1700 Rebate. New 1993 Cavalier RS Convt V6, AT AC, VIN P7303644 MSRP $18,788. Our Price $15,399

★Listed MSRP Reflects Savings Resulting From Factory Equipment Package Discount As Explained On Factory Federal Price Label.

2.9%
Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To D

1994 SPIRIT HDQS
A $2596.00 #091
Is $1322 Off MSRP & A $1000 Rebate Plus A $274 Fact Equip Pkg Disc New '94 Dodge Spirit Sdn 4 Cyl AT AC VIN RF107376 MSRP ★$14,821 Our Price $12,299

1994 SHADOW HDQS
B $1512 OFF #089
Is $812 Off MSRP & A $1000 Rebate. New '94 Dodge Shadow 2 Dr Cpe 4 Cyl, 5 Spd, No AC VIN RN180188 MSRP $8311 Our Price $7799

1994 STEALTH HDQS
C $3160 OFF #001
Is $2160 Off MSRP & Includes A $1000 Rebate. New '94 Dodge Stealth Spt Cpe V6 5 Spd AC VIN RY003223 MSRP $23,659 Our Price $20,499

1994 LASER HDQS
D $1543 OFF #002
Is $1043 Off MSRP & A $500 Rebate New '94 Ply Laser Spt Cpe, 4 Cyl, 5 Spd, AC, VIN RE011112 MSRP $14,042 Our Price $12,499

1994 INTREPID HDQS
$2424.00 #110
Is $2254 Off MSRP & A $170 Fact Equip Pkg Disc. New 1994 Dodge Intrepid Sdn V6, AT, AC, VIN RF140453 MSRP ★$19,203 Our Price $16,949

'94 GRAND VOYAGER HDQS
$3153.00 #036
Is $1787 Off MSRP & A $500 Rebate Plus A $857 Fact Equip Pkg Disc New '94 Ply Grand Voyager 7 Pass Mini Van W/26T V6, AT, AC, VIN RX101479 MSRP ★$19,786 Our Price $17,499

1994 CARAVAN HDQS
$2763.00 #043
Is $1409 Off MSRP & A $500 Rebate & A $857 Fact Equip Pkg Disc New '94 Dodge Caravan Mini Van W 22T Pkg 4 Cyl, AT, AC, VIN RR516566 MSRP ★$16,589 Our Price $14,649

$2338.00 #016
Is $1981 Off MSRP & A $500 Rebate Plus A $857 Fact Equip Pkg Disc. New 1994 Dodge Grand Caravan SE Mini Van V6 AT AC VIN RX100867 MSRP ★$21,580 Our Price $19,099

'94 TOWN & COUNTRY HDQS
$3045.00 #038
Is $2545 Off MSRP & Includes A $500 Rebate. New 1994 Chrys Town & Country 7 Pass Mini Van W/Pkg 20V, V6, AT, F&R AC, VIN RX139639 MSRP $27,844 Our Price $24,799

1994 TOPAZ HDQS
$2165.00 #017
Is $826 Off MSRP & A $300 Rebate Plus A $1035 Fact Equip Pkg Disc. New 1994 Merc Topaz GS 4 Dr Sdn 4 Cyl, AT, AC, VIN RK609097 MSRP ★$12,775 Our Price $11,649

$1056 OFF #003
Is $656 Off MSRP & Includes A $200 Rebate. New '94 Merc Tracer 4 Dr Sdn 4 Cyl AT AC VIN RR606831 MSRP $12,755 Our Price $11,699

2.9%
Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To D

1994 LEBARON LANDAU HDQS
A $2838.00 OFF #031
Is $1838 Off MSRP & Includes A $1000 Rebate. New 1994 Chrys Lebaron Landau 4 Dr Sdn V6 AT AC VIN RT224087 MSRP $18,436 Our Price $15,599

1994 ACCLAIM HEADQUARTERS
B $2599.00 #033
Is $1325 Off MSRP & A $1000 Rebate Plus A $274 Fact Equip Pkg Disc. New 1994 Ply Acclaim 4 Dr Sdn, V6, AT, AC VIN RT201620 MSRP ★$14,324 Our Price $11,999

1994 DUSTER HEADQUARTERS
C $2793.00 #019
Is $893 Off MSRP & A $1000 Rebate Plus A $900 Fact Equip Pkg Disc New '94 Ply Duster 2 Dr, 4 Cyl, AT, AC, VIN RN125406 MSRP ★$12,292 Our Price $10,399

1993 LEBARON CONVT HDQS
D $5111.00 #062
Is $2356 Off MSRP & A $2500 Rebate Plus A $255 Fact Equip Pkg Disc. New 1993 Chrys Lebaron Convt, V6, AT, AC, VIN PF524418 MSRP ★$20,255. Our Price $15,399

1994 LHS HDQS
$3579.00 #071
Is $3579 Off MSRP New '94 Chrys LHS V6 AT AC VIN RH113400 MSRP $30,178 Our Price $26,599

1994 CONCORDE HEADQUARTERS
$2981.00 #102
Is $2749 Off MSRP & A $233 Fact Equip Pkg Disc. New 1994 Chrys Concorde Sdn V6, AT, AC, VIN RH188472 MSRP ★$21,647 Our Price $18,899

1994 NEW YORKER "LH" HDQS
$3193.00 #003
Is $2984 Off MSRP & A $209 Fact Equip Pkg Disc. New 1994 Chrysler New Yorker LH Sdn V6, AT, AC, VIN RH604301 MSRP ★$26,132. Our Price $22,939

1994 MARK VIII HEADQUARTERS
$1676.00 OFF #023
Is $4676 Off MSRP. New 1994 Mark VIII Spt Cpe, V8, AT, AC, VIN RY628399 MSRP $38,676.Our Price $33,999

1994 CONTINENTAL HEADQUARTERS
$6999.00 #012
Is $4976 Off MSRP & A $1000 Rebate & A $1023 Fact Equip Pkg Disc. New 1994 Linc Continental 4 Dr Sdn V6 AT AC VIN RY604204 MSRP ★$34,475. Our Price $29,499

1994 TOWN CAR HEADQUARTERS
$3376.00 OFF #001
Is $4376 Off MSRP & A $1000 Rebate. New '94 Linc Town Car 4 Dr Sdn, V8, AT, AC, VIN RY618004 MSRP $35,375 Our Price $29,999

1994 GRAND MARQUIS HEADQUARTERS
$3101.00 #030
Is $1486 Off MSRP & A $1615 Fact Equip Pkg Disc. New 1994 Merc Grand Marquis 4 Dr Sdn V8, AT, AC, VIN RX609348 MSRP ★$20,285. Our Price $18,799

1994 SABLE HEADQUARTERS
$2516.00 OFF #541
Is $1616 Off MSRP & A $500 Rebate. New '94 Merc Sable GS 4 Dr Sdn V6, AT, AC, VIN RA606713 MSRP $18,266 Our Price $16,149

1994 SABLE HEADQUARTERS
$3471.00 #516
Is $2231 Off MSRP & A $500 Rebate Plus A $1140 Fact Equip Pkg Disc. New '94 Merc Sable GS Wgn V6, AT, AC, VIN RA600087 MSRP ★$19,930 Our Price $17,599

1994 COUGAR HEADQUARTERS
$2111.00 #526
Is $1591 Off MSRP Plus A $520 Fact Equip Pkg Disc. New 1994 Merc Cougar Spt Cpe, V6, AT, AC, VIN RH600688 MSRP ★$17,840 Our Price $16,249

1993 VILLAGER HEADQUARTERS
$2802.00 #784
Is $1952 Off MSRP & A $850 Fact Equip Pkg Disc. New '93 Merc Villager GS Wgn, V6, AT, AC, VIN PDJ90288 MSRP ★$19,301 Our Price $17,349

Shop Reedman Prices 210 New 1994 Voyagers & Caravans -Revolving Inventory

ANY NEW MODEL, COLOR, EQUIP NOT IN STOCK WE WILL TRY TO FILL YOUR ORDER AS SHIPMENTS ARRIVE OR FACTORY ORDER IT

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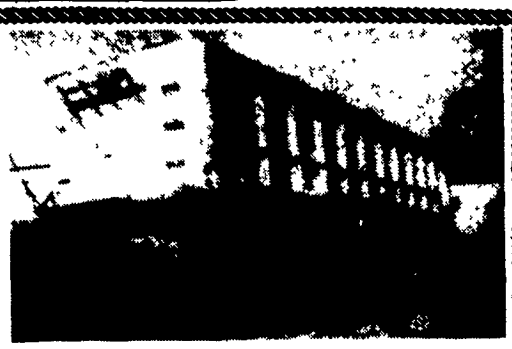
*Price Includes All Cost To Be Paid By A Consumer, Except For Licensing Cost, Registration Fee & Taxes



1984 East Tri-Axle,
32' Alum. Bed, 33'6" Alum. Frame, Grain Gate, Outboard Drums, Excellent Low Profile 24.5 Rubber On Alcoa Alum. Buds, Nice, Low Mileage Trailer
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1900 CARS-TRUCKS

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*'94 NEW JAGUAR XJ6 $496.00
Per Month For 24 Months. Closed End Lease. Stock #92010 6 Cyl VIN RC667716 MSRP * $52,612 Total Of Monthly Payments $11,904 With $2950 Down 15¢ Per Mile Over 30,000.

*'94 NEW CHRYS LHS $298.00
Per Month For 24 Months. Closed End Lease. Stock #53096 6 Cyl VIN RH191941 MSRP * $30,076 Total Of Monthly Payments $7152 With $2900 Down.

*'94 NEW CORVETTE CPE $373.00
Per Month For 24 Months. Closed End Lease Stock #15007 8 Cyl VIN R5100300 MSRP * $39,419 Total Of Monthly Payments $8952 With $2500 Down

*'94 NEW LINC MARK VIII $425.00
Per Month For 24 Months. Closed End Lease. Stock #99514 8 Cyl VIN RY617414 MSRP * $38,675 Total Of Monthly Payments $10,200 With $2900 Down 11¢ Per Mile Over 30,000

*'94 NEW LINCOLN TOWN CAR $388.00
Per Month For 24 Months. Closed End Lease. Stock #98089 8 Cyl VIN RY623109 MSRP * $35,375 Total Of Monthly Payments $9,312 With $2900 Down 11¢ Per Mile Over 30,000 Miles

*'94 NEW LINC CONTINENTAL $364.00
Per Month For 24 Months. Closed End Lease. Stock #99030 8 Cyl VIN RY605983 MSRP * $34,815 Total Of Mthly Payments $8736 With $2900 Down 11¢ Per Mile Over 30,000 Miles

*'94 NEW CHEV CAMARO $210.00
Per Month For 36 Months. Closed End Lease. Stock #40087 8 Cyl VIN R2117435 MSRP * $16,361 Total Of Mthly Payments $7560. With $2300 Down

*'94 NEW CHRYS CONCORDE $257.00
Per Mth For 36 Months. Closed End Lease. Stk #59018 6 Cyl VIN RH114646 MSRP *$21,749 Total Of Mthly Pymts $9,252 With $2500 Down

*'94 NEW MERC GRAND MARQUIS GS $317.00
Per Month For 24 Months. Closed End Lease. Stock #91051 8 Cyl VIN RX613149 MSRP * $21,045 Total Of Mthly Payments $7608 With $2500 Down 11¢ Per Mile Over 30,000

*'94 NEW MERC SABLE GS $239.00
Per Month For 24 Months. Closed End Lease. Stock #94538 6 Cyl VIN RA606715 MSRP * $18,265 Total Of Monthly Payments $5736 With $2000 Down 11¢ Per Mile Over 30,000 Miles

*'94 NEW MERC COUGAR $259.00
Per Month For 24 Months. Closed End Lease. Stock #93532 6 Cyl VIN RH604585 MSRP * $17,840 Total Of Mthly Payments $6216 With $2500 Down 11¢ Per Mile Over 30,000

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*'94 NEW PLY VOYAGER $219.00
Per Month For 36 Months. Closed End Lease. Stock #76068 4 Cyl VIN RR523947 MSRP * $17,219 Total Of Monthly Payments $7884 With $1500 Down

*'94 NEW CHEV S-10 BLAZER 4 Dr 4x4 $284.00
Per Month For 24 Months.Closed End Lease Stk# T-5268 6 Cyl VIN R2139263 MSRP *$22,941 Total Of Mthly Pymts $6816 With $1260 Down

*'94 NEW CHEV 1/2 TON PICKUP $199.00.00
Per Month For 24 Months.Closed End Lease Stk# T-6010 8 Cyl VIN RE104931 MSRP *$19,829 Total Of Mthly Pymts $4776 With $2000 Down

*'94 NEW LUMINA 4 Dr SDN $199.00
Per Month For 36 Months.Closed End Lease Stk#35106 6 Cyl VIN R1107433 MSRP *$16,455 Total Of Mthly Pymts $7164 With $1500 Down

*'94 NEW DODGE STEALTH $299.00
Per Month For 24 Months.Closed End Lease Stk#66012 6 Cyl VIN RY003694 MSRP *$24,522 Total Of Mthly Pymts $7176 With $2800 Down

*'94 OLDS SUPREME SE CPE $226.00
Per Month For 36 Months.Closed End Lease Stk#62036 6 Cyl VIN RD318660 MSRP *$16,995 Total Of Mthly Pymts $8136 With $2000 Down

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First Monthly Payment Plus A Security Deposit Equal To One Monthly Payment Is Required Upon Delivery. Lessee May Have The Option To Purchase The Car At Lease End At A Price To Be Negotiated With The Dealer At Lease Inception. At The End Of The Lease If You Do Not Exercise Your Option To Buy You Will Pay A Mileage Charge Of 10¢ Per Mile For Each Mile In Excess Of 15,000 Miles Per Year Plus The Costs Of Any Excess Wear Or Tear.

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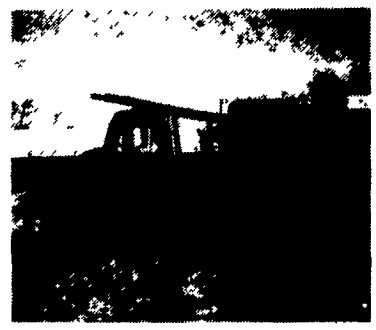

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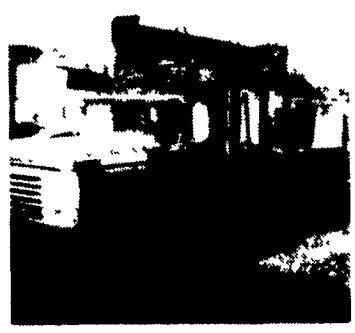

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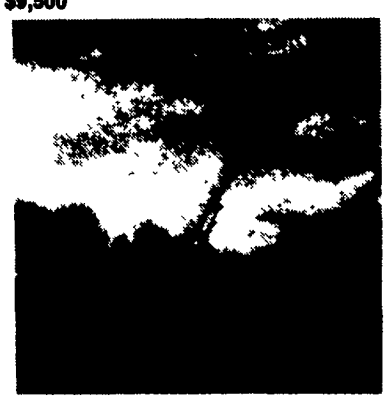

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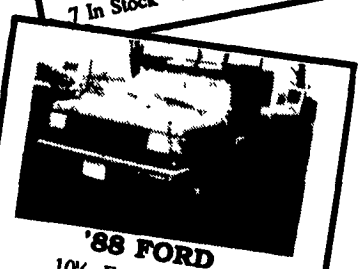

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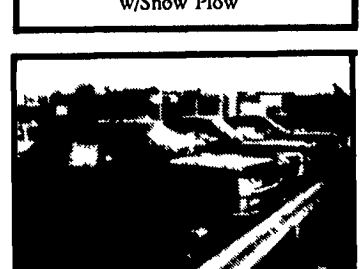

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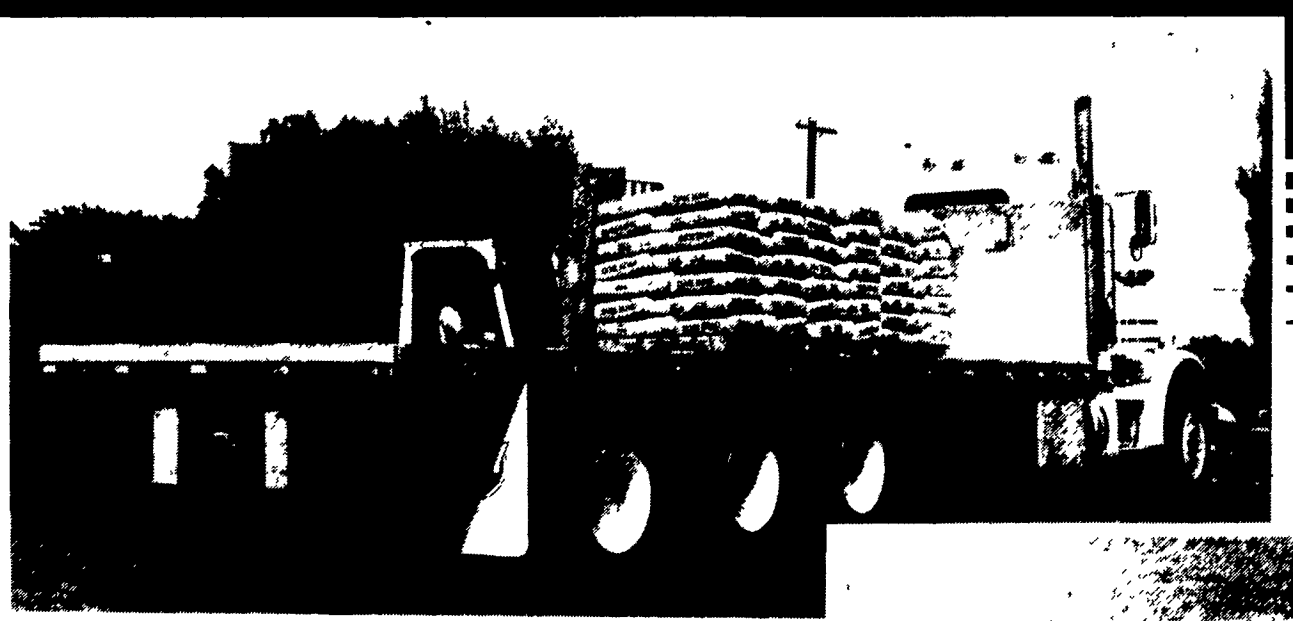

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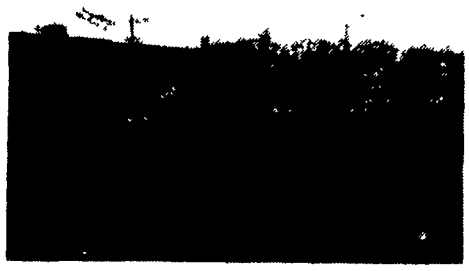

8600 GVW, 351, V8, PS, PB, 62,000 Miles **$9,900**

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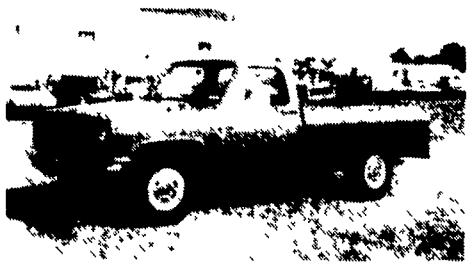

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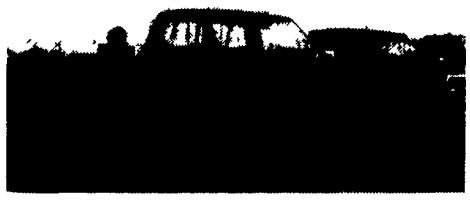

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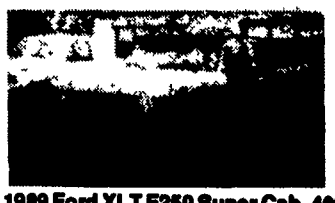

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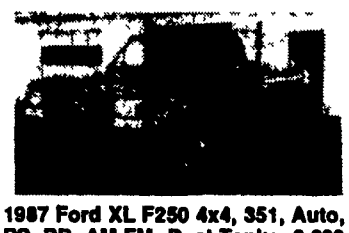

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Working dairy farm 135 acres 75 tillable, 40 meadow w/stream. Included: pipeline, milk tank, gutter cleaner, silo w/unloader, machine sheds, four bedroom, one and half bath house. Paved road frontage near Schellsburg. Only $225,000. Cattle & machinery negotiable.
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Real Estate
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One-Of-A-Kind Farm For Sale

Large 2000 +/- Acre potato and grain operation; rated as one of the top five farms on the Eastern Seaboard. Meticulously kept. Irrigated, deep wells and ponds, excellent systems. Modern potato packing facility, handy to many of America's largest markets. State-of-the-art grain handling and storage systems. Owner seeking retirement. *Serious inquiries only to:*

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Dover, Delaware 19901
302-678-3276

Thomas Block Company
Lycoming County, PA
High volume block business, long established, located between Williamsport and State College, PA. Business includes modern automated equipment & real estate.
Owner must sell due to health problems. Financing is available for qualified buyers.
For complete details of this highly profitable business, Call
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Chester Co.
60 Acre Amish Dairy farm, new buildings, 48 acres tillable, near Parkesburg, $475,000.

Franklin Co.
50 Acre Hog Farm, 4 bedroom house, bank barn & outbuildings, 2000 head finishing unit, 3 years old, priced at $360,000.

Montour Co.
140 Acre Amish farm, 90 tillable, 50 cow barn, 3 silos and a double house. $385,000. Could also be bought with only 90 acres.

.Call Harry Zimmerman
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1-800-472-2641
Car: 717-575-2542
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60 Acres Dairy farm for sale or rent. New Buildings, 40 Cow Stalls, Bulk Tank, Silos, Ready To Go. Apply To:
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Honey Brook, PA 19344

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Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation- Complete. Since 1946. Quality known nationwide
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Views are absolutely gorgeous from this very elite horse farm in Tioga County. 34+- acres with a beautiful 4400 sq ft ranch style house. Horse barn with stalls. Many many extras to numerous to mention. Quality thru-out. $271,900 #1283

189 Acre Nice Secluded Operating Dairy Farm in Northwestern Tioga County. Nice 20 yr. old 3 bdrm ranch style home, good 75 stall barn with many extras included. Nice views, all this for only $199,000 #1274

148.41 acres 40 ac. open land, bal. wooded, exc perc site, Jackson Twp., asking $120,000 #1241

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47 Ac. (26 T.A.) Turkey Farm - 4 poultry houses, butcher hosue, bank barn, garage and 2½ story dwelling in good condition. Could be good produce farm and market. Only $175,000 - Zoned Commercial.

YORK CO.
Beautiful 11 Yr. Old 100 Cow Free Stall Dairy Set Up- 1500 Gal. Milk Tank w/Free Heater 4 Concrete Silos w/120' Feed Bunk 400,000 Gal. Manure Lagoon- Large Bank Barn In Very Good Condition. 102 Ac.- Mostly Corn & Alfalfa - Well Off Road! Dwelling- 5BR Frame w/New Siding & Windows.
PRICE REDUCED!
Plus Seller Assistance In Financing.
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YORK CO.
93 Acres (82 T.A.) Dairy Barn, w/44 tie stalls and 2" S/S pipeline, 2 silos, plus bank barn for young stock, soil in high state of cultivation, beautiful 2½ story dwelling, very good buildings, only $315,000.

LANCASTER COUNTY
For Sale: 305 Ac. Estate w/large hog operation, prime limestone soil, 2 dwellings. Call for details.

UNION CO.
90 Ac. Dairy Farm - high state of cultivation, limestone soil w/stream, equipment shed, 4 silos w/unloaders. 33 comfort stalls w/pipeline. Very nice 5 BR frame dwelling, modern bath and kitchen. Also 26x40 1-story store. Call for details.

LEBANON CO.
48 Ac. General Farm fronting on Rt. 22 and on Airport Rd. 400 [illegible]eep Commercial Along R[illegible] agricultural. 3 BR frame 2-[illegible] house. Frame bank barn in fair condition. Near Farmer's Wife restaurant. Good for contractor. $220,000
SOLD

NOTE: We have an out-of-state Invester, If you have a picturesque farm (dairy or general) you would consider selling in Lancaster or Lebanon County - even sell and lease back - give us a call, LET'S TALK!

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
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717-392-1177

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

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KENT COUNTY
- 233 Ac., 89.9 Ac. Till., Irreg. Pivot $235,000
- 89 Ac., 79 Ac. Till Home, Buildings $220,000
- 52.3 Ac., 37.8 Ac. Till. Nursery Stock or Veg. Nice Small Home $183,000

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DAN ENTERLINE REAL ESTATE
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Near Gratz, 100 acres, 91 tillable, large home, barns, 10,000 Christmas trees. Rent Option or Low Down Possible.
36 acres, large barn, home, private & secluded, large pond, 25 tillable balance pasture. Rent option or no down possible.
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Operating Dairy 150 acres, 110 acres tillable, 60 cow barn, 35'x70' equipment barn w/hay storage, 4BR house, **$85,000**

221 Acre Dairy, 125 tillable, 1000 ft. river frontage, 2000 ft. road frontage, 60 cow barn, w/BouMatic pipeline, 2 bulk tanks, plus 38 free stall w/bunk feeder, 3 Stave silos, **$210,000** or will trade for a decent 40 to 50 cow dairy in Pennsylvania.

Operating Dairy, 175 acres, approx. 95 tillable, 30 pasture, 45 cow bank barn, pipeline, 4BR, 2 bath home, taxes only $800 **$119,900** bear, **$199,900** stocked & equipped.

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REXTOWNE MANOR - Beautiful 36 acre estate N. of Allentown. Manor house with 3 fireplaces, grambel roofed stable, park like setting, long private drive, riding ring, stream, and great views of the Blue Mtn. $495,000.

FARMS & LAND

164 ACRE FARM - Two story frame farmhouse, about 40 acres tillable, balance is woodland. Large pond and stream. Very scenic, exceptional deer hunting $250,000.

71 ACRE FARM - Mostly tillable, large level fields, Circa 1830 log farmhouse, stone summer house, barn and garage. View of the Blue Mtn. $284,500.

14 ACRE HORSE FARM - Exceptional 18 stall equine facility. Frame farmhouse, new custom barn, board fenced pastures and large ring. N. of Allentown. $219,000.

129 ACRE LAND PARCEL - just west of Allentown, beautiful views, small lake on top of hill. Would make a great estate. $432,000.

Many Other Farms Available

new pennsylvania realty, inc.
Farms, Country Estates, and Historic Properties
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CALL PERRY LONG
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1200 Acres w/700 tillable acres, 500 wooded, 77'x177' pole barn w/ loading dock containing 45'x55' refrigeration cooler; repair shop, fertilizer storage w/4' concrete containment walls, tools, and equipment buildings, quonset building, dairy and calf barn w/attached 96 head free stall, 4 large forage silos, 3 steel grain silos.

All tillable land in use, growing mostly spinach & cauliflower, and some field corn; 4 bedroom single family home with modern kitchen and inground pool; 2 bedroom mobile home. EXCELLENT MULTI-PURPOSE PROPERTY.

Ideal for various vegetables. Property can be subdivided, ideal commercial campsite location bordering Trout River. Asking $475,000.00, possible financing. VCR tape available.

For Details Call Century 21 Fleury Realty Malone, New York 518-483-4000, or Jerry Shulman Produce Shipper, Inc. Port Jefferson Station, NY 1-800-645-7776 All States

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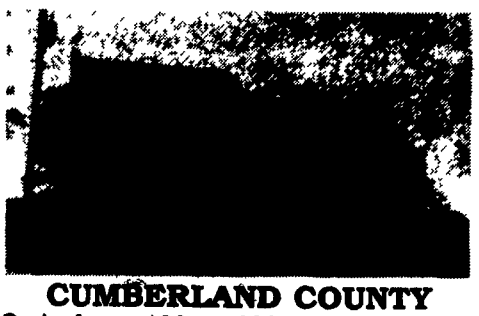
ERA
[illegible] Market St. Camp Hill, PA [illegible]



CUMBERLAND COUNTY

Grain farm, 126 ac M/L, sandstone soil stream, 2000 ft. M/L road frontage, 3 B/R frame house. Priced to sell at under $2400. per acre.

For Details Ask For Ed Meyer
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717-243-1030 Home

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Planted Pine Tracts Ranging From $475.00 to $600.00 per acre.

Reitrement- 59 Acres, 45 in pasture. Nice ranch home, good outbuildings, beautiful lake. Great Buy at $197,000.00.

382 acres, 228 acres open, outbuildings, $389,000.

"LAKE VIEW FARM"

Beautiful 213 acre cattle or horse farm with a 1½ story Colonial brick home overlooking a 22 acre lake, long board fenced road frontage, large barn. A great buy for $935,000.

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Kip 804-392-3002

COLDWELL BANKER

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References Available
Reply to
Lancaster Farming (S-29)
P.O. Box 609
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CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the December 25th or November 27th issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Mel Rockey	(814) 466-6688
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St., State College, PA 16801
(814) 234-4000
1-800-876-3395

WIMPLE ASSOCIATES

140 COW FREE STALL has Surge parlor with automatic takeoffs, 1000 gallon tank, (2) 24x60 CS silos, 900 ton bunker, 9 and 12 ton grain bins. 325 acres with 200 tillable. Graded slopes. Excellent corn and alfalfa land. 1200 tapped maple trees. Village water. Nice 5 bedroom home or good two family house, take your pick for $260,000.

PRETTY SETTING BESIDE STREAM for this 51+ acre farm near Pennsylvania border with 20 acres woods and the balance open meadow. 1 mile frontage. Nice 4 bedroom home with Ashley fireplace and new addition with family room. 2 car garage. Hip roof barn. $79,900.

Mort Wimple Associates
Real Estate Sales - Management - Appraisals

"ESTABLISHED 1953"
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FAX: (518) 875-6749

SANFORD G. LEAMAN, REALTOR/AUCTIONEER
1 (800) 836-8113

NEW LISTINGS

NORTHUMBERLAND CO. 170 ACRE BEEF, HOG, OR GRAIN FARM. MODERN 2 STORY BRICK w/4 bedrooms, 1 bath and in excellent condition. The barn is large with truss roof area making the upper level one open area for lots of commodity or equipment storage. There are 100 acres tillable stream and much much more. Be the first to see it and take early possession since the property is vacant. A great buy at: $315,000.

TIOGA CO. DAIRY FARM w/140 Acres of mostly riverbottom soil in high state of cultivation. Extra large comfort stall barn plus a stanchion barn, 4 lg. concrete stave silos, lgt. impl shed, rnd bale storage shed, and 2 beautiful homes w/too many features to mention. You must see this beauty along Rt 49 adjacent to Lawrenceville Boro. Loads of potential Don't miss it. Priced at $345,000.

TIOGA COUNTY: Hog or poultry setup. There are 4 former poultry houses with several started and had been operated as a farrowing operation Bldg sizes are 40'x416' 50'x360', 40'x480' & 44'x360'. There is a 3 bedrm rancher, 2 mobile home sites, misc. other bldgs. and 125 acres farmland, pasture & woodland. ONLY $194,500 00 Immediate possession.

ALLENWOOD AREA NORTHUMBERLAND CO. 162 acres river bottom soil dairy farm, large bank barn, 43 stanchions, barn cleaner, large loafing barn w/72' bunk feeder, 2 silos, 102' 6 bay implement shed, horse barn w/9 box stalls, another good sized implement shed, brick 4 BR house w/attached 2 car garage. This farm is in excellent condition and high state of cultivation Call Sandy for all the details.

I need good dairy and beef farms for my clients. Especially need a beef farm in the South Eastern Bradford County area.

Call Sandy Leaman to List Your Farm. We Have Many Buyers Waiting For Just The Right Place and Yours May Fit The Bill.
We Are Working On Several Nice Dairy Farms Listings In Tioga, Bradford County Area. Call For Strict Confidential Information.

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All types and sizes for the farmer, and good returns for investors.

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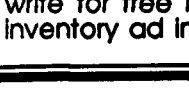
DEMEREE REALTY



Rte. 3 Box 91H
Little Falls, NY 13365
Phone & Fax (315) 823-0288
George Demeree, Broker

#316 - 295 RIVER FLAT ACRES w/V.G. 40x260 ft. barn w/116 comfort stalls & tie mangers, heifer barn & 2 good homes - **$395,000.**

#101 - 445 A. DAIRY FARM, 150 tillable w/76 on pipeline, lots of woods, ponds, creeks - 9000 ft. road frontage - **$285,000.**

#110 - 248 A. DAIRY FARM w/130 tillable - 47 cows on pipeline, 30 heifer stalls, silo, mach. shed & 9 rm. home - **$210,000** w/owner fin. available.

#148 - 73 A. HOBBY FARM, 85x30 ft. barn, 3 lg. mach. sheds & 6 room Colonial home - **$124,900.**

#608 - 410 A. DAIRY FARM w/215 tillable - lg. free stall w/double 8 M.P., office, hospital, 3 - 24x60 ft. silos, lg. mach. shed & lots of water with rivers on E & W sides for irrigation of lg. open fields w/some of the best soils in NYS - also 11 rm. colonial home w/modern kitchen & fireplace in EX. cond. - **$370,000.**

#206 - 600 A. POTATO/VEG. FARM w/531 tillable - lg. open fields w/EX soil can all be irrigated w/unlimited water supply, also lg. cold storage bldgs., store/gas station/deli, lg. office bldg. & many other lg. bldgs. - ranch home w/garage & pool & 2 other houses included plus private communication system for business - **$2,500,000** fully equipped.

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FARM & RURAL PROPERTY DIVISION

THE ADVANTAGES OF LISTING YOUR FARM WITH A RESIDENTIAL REALTOR:

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- ☑
- ☑
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THE ADVANTAGES OF LISTING WITH A PROFESSIONAL FARM AND RURAL PROPERTY DIVISION:

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- ☑ Knowledgeable About Soils
- ☑ Maximizing YOUR return

If you want the best professional farm real estate service available in Central PA, we would be pleased to be of service to you.

Many farms, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the December 11th issue.

IF WE CAN'T GIVE YOU MORE FOR YOUR MONEY... WE DON'T DESERVE YOUR BUSINESS!

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Why settle for 2nd best - when Fiberdome now manufactures the most advanced fiberglass bulk bin available!

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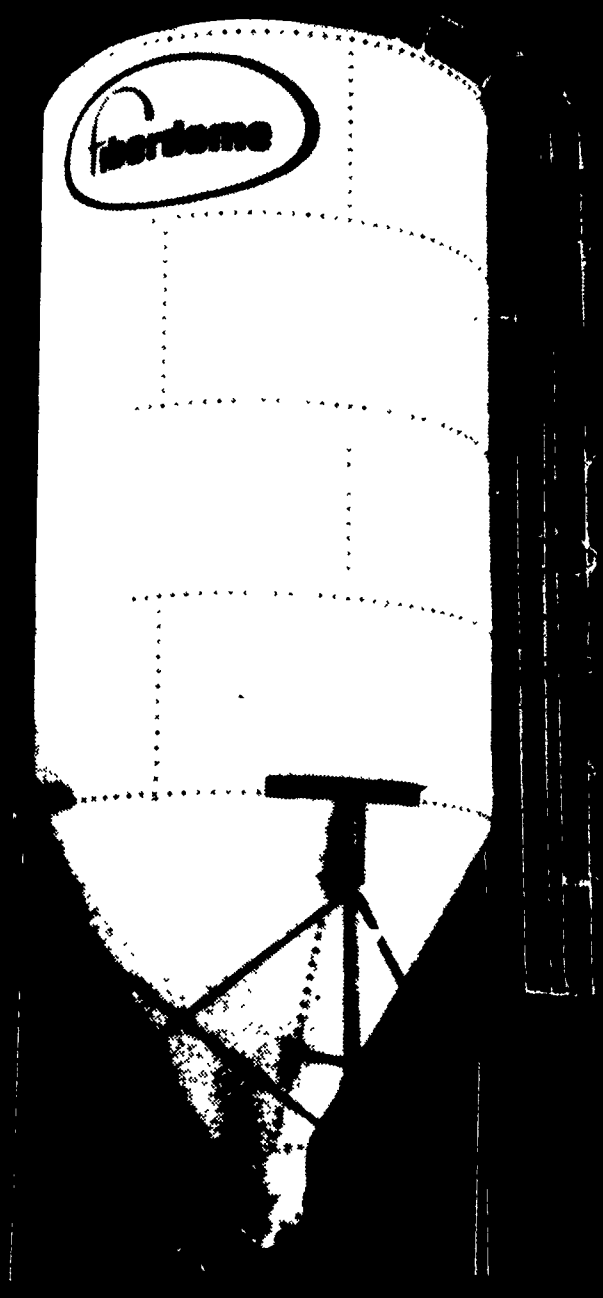

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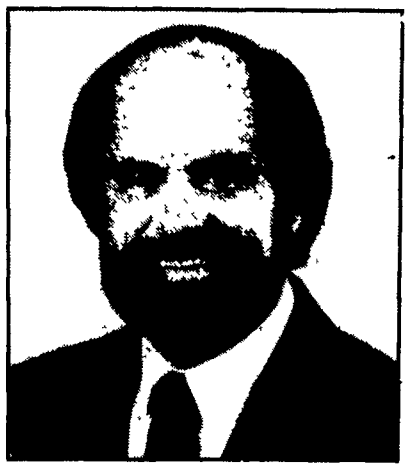
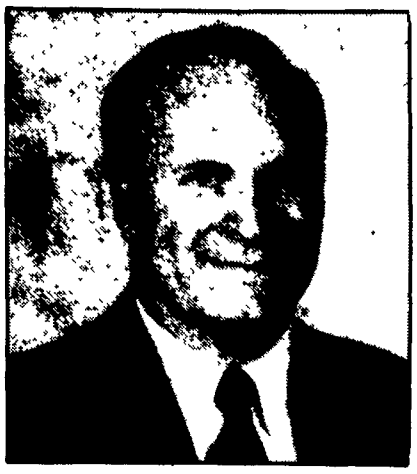
PENNFIELD DAIRY DAYS

Featured Speakers



Jan Shearer, DVM
University of Florida

Normand St. Pierre, Ph.D., PAS
President, Papillon AG Products



Timothy Snyder, Ph.D., PAS
Mgr., Dairy Nutrition, Pennfield Corp.

Major Topics

- **Feet & Leg Problems**
- **Economical Feeding Strategies for High Producing Cows**
- **Best Cost Herd Replacements**

Area Locations

Northern PA	Southeastern PA	Central PA	Western PA	South Central PA
Thursday, Feb. 3	Friday, Feb. 4	Monday, Feb. 7	Tuesday, Feb. 8	Wednesday, Feb. 9
Shadowbrook Inn	Country Table Rest.	Camelot Rest.	Morrison's Cove Memorial Park	Kauffman's Community Center
Tunkhannock, PA	Mt. Joy, PA	Milroy (Lewistown), PA	Martinsburg, PA	Chambersburg, PA

Exhibitors

Zinpro Corp. - Zinpro-4 Plex

Hoffmann-La Roche Inc. - Bovatec®

Land O'Lakes Inc. - Milk Replacers

Upjohn - Target Breeding

Domain Inc. - Certified Tend-R-Leen® Beef

Exhibitors and speakers available from 10:00 A.M. to 3:00 P.M. for questions and answers.

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Top Pennsylvania DHIA Cows By Breed For November

(Continued from Page C9)

MILKING SHORTHORN

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
MICHAEL ZOLOCSIK	SNOWIE	05-11	0	DHI-AP	305		18184	3.6	650	3.9	716
SAMUEL G YODER	HEATHR2	05-01	3	DHI	305		17638	3.4	594	3.5	624
MICHAEL ZOLOCSIK	SNOWIE	06-11	0	DHI-AP	234		17148	3.4	590	3.9	671
PAINTER LAND FARM	4	03-08	1	DHI-APCS	267	267	17540	3.3	587	4.4	768
PAINTER LAND FARM	213	02-08	2	DHI-APCS	264	264	16998	3.2	550	3.7	622
HIDDEN ACRES FARM	GENIE	04-09	3	DHI-AP	305		16851	3.2	546	4.0	676
ARVID KATHY KOBOSKY	SNOFLOR	03-06	2	DHIR	305		15463	3.4	519	4.0	619
SAMUEL G YODER	PAT 3	05-03	3	DHI	305		14642	3.5	516	4.7	685
HORIZON FARM	ANGIE	09-08	0	DHI-AP	291		16017	3.1	503	2.9	461
HIDDEN ACRES FARM	MARVA	03-02	1	DHI-AP	305		13244	3.8	501	3.9	520
PAINTER LAND FARM	112	01-11	1	DHI-APCS	305	305	16399	3.0	492	3.8	626
HORIZON FARM	SHASTA	03-08	2	DHI-AP	305		15244	3.2	484	3.7	568
HARROP FARM	72	05-00	3	DHI	284		15202	3.2	483	4.1	626
SAMUEL G YODER	SIGHTA4	05-04	3	DHI	305		13499	3.5	471	4.2	567
PAINTER LAND FARM	113	02-08	1	DHI-APCS	274	274	15924	2.9	467	3.3	531
HIDDEN ACRES FARM	LADY934	03-02	1	DHI-AP	273		14255	3.2	456	3.0	431
HIDDEN ACRES FARM	MOLLY	02-01	1	DHI-AP	305		12091	3.8	456	3.1	376
HIDDEN ACRES FARM	HELENA	02-00	1	DHI-AP	305		13931	3.3	455	4.6	638
GRATER BROS	BUNNI	03-08	3	DHI	305		14708	3.1	454	3.5	520
LARRY+SUE AMSELL	EMPRESS	05-11	5	DHI-APCS	256		14444	3.1	447	3.4	490
PAINTER LAND FARM	206	03-07	2	DHI-APCS	286	286	15760	2.8	446	3.4	534
HIDDEN ACRES FARM	PRIDE	07-04	5	DHI-AP	292		13729	3.2	442	3.3	450
HIDDEN ACRES FARM	ELISSA	02-00	1	DHI-AP	305		13536	3.2	431	3.7	498
HIDDEN ACRES FARM	BAPRIL	02-01	1	DHI-AP	300		12409	3.4	427	3.0	367
HARROP FARM	29	05-08	4	DHI	238		13226	3.2	419	3.6	472

LINEBACK

Farm Name	C	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
KARL HOFFMAN		BLUE	05-04	0	DHI-AP	305		20381	3.0	615	3.5	706
ROLARWAY HOLSTEINS		62	04-03	3	DHI-APCS	305		20251	3.0	613	3.0	603
ROLARWAY HOLSTEINS		206	02-01	1	DHI-APCS	305		17028	3.1	531	3.4	584
MARLBORO VALLEY FMS	LW	113	02-01	1	DHI-AP	305		17113	3.1	528	3.5	602
MARLBORO VALLEY FMS	LW	28	03-08	2	DHI-AP	305		17921	2.9	526	3.8	688
BARNARD BAILY	182	L 39	03-05	2	DHI-AP	305		14374	3.4	490	3.5	496
BARNARD BAILY	182	L 10	06-00	4	DHI-AP	305		14968	3.3	487	3.7	559
BARNARD BAILY	182	L 5	11-00	9	DHI-AP	305		13826	3.4	468	3.9	541
MARLBORO VALLEY FMS	LW	127	02-01	1	DHI-AP	305		15421	3.0	464	5.1	783
BARNARD BAILY	182	L 7	07-06	6	DHI-AP	303		13304	3.4	453	3.5	467
BARNARD BAILY	182	L 28	03-07	2	DHI-AP	301		14616	3.1	451	3.8	550
MARLBORO VALLEY FMS	LW	123	01-11	1	DHI-AP	305		14367	3.1	449	4.4	628
BARNARD BAILY	182	L 34	03-02	2	DHI-AP	305		14504	3.1	446	3.2	462
BARNARD BAILY	182	L 34	04-02	3	DHI-AP	263		14931	3.0	445	3.1	459
BRIAN COOPER		KLEBE	08-10	0	DHI-AP	305		14701	3.0	442	4.0	582
BARNARD BAILY	182	L 29	04-03	2	DHI-AP	305		12986	3.4	441	4.6	591
ROGER HORNAMAN		KELLY	02-02	1	DHI-AP	301		13495	3.2	428	3.1	422
DALE +MELISSA ANDRUS		LOMI	01-11	1	DHI	267		12873	3.3	424	2.8	363
BARNARD BAILY	182	L 39	02-05	1	DHI-AP	305		13506	3.1	415	3.5	471
BARNARD BAILY	182	L 35	03-06	2	DHI-AP	292		12465	3.3	414	3.9	488
MARLBORO VALLEY FMS	LW	37	03-11	2	DHI-AP	305		12726	3.2	408	3.3	419
MARLBORO VALLEY FMS	LW	121	02-02	1	DHI-AP	305		13428	3.0	403	4.6	618
CHARLES MOOK		ANNABEL	05-11	5	DHI-AP	286		13713	2.8	380	3.2	438
BARNARD BAILY	182	L 40	02-07	1	DHI-AP	305		13409	2.8	380	3.5	471
ARVID KATHY KOBOSKY		LINBACK	04-02	0	DHIR	296		12201	3.1	378	3.8	469

MIXED

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
PAUL & KAREN SHERRY	MURIEL	04-10	3	DHI-AP	305		29312	3.1	902	3.5	1021
PAINTER LAND FARM	48	04-10	3	DHI-APCS	287	287	28682	3.1	901	4.2	1191
WRIGHT WAY FARM	SAMMY	03-00	2	DHIR	305		29905	2.9	877	3.6	1074
SIDNEY MARTIN & SONS	240	05-06	4	DHI-AP	305		25978	3.2	840	3.7	951
WARREN SNOPE	700	03-05	2	DHI-AP	305		24023	3.5	839	3.5	850
THOMYWOOD HOLSTEINS	OIRENE	04-11	3	DHIR-APT	305		28510	2.9	831	3.1	892
PAINTER LAND FARM	88	03-08	3	DHI-APCS	305	305	25972	3.2	830	4.1	1076
EDWIN J LANDIS	OPEARL	03-01	2	DHI	305		26070	3.1	817	2.5	649
MARVIN E DAVIS	69	05-10	5	DHI-AP	286		23694	3.4	809	3.7	865
JAY RICHARD GROFF	000101	04-04	3	DHI-AP	305		24990	3.2	806	4.0	991
DUANE+LINDA BIDDLE	127	05-04	4	DHI-APT	305		25127	3.2	800	3.4	844
PAUL & KAREN SHERRY	HATTI	05-03	4	DHI-AP	305		26392	2.9	772	3.1	818
HAROLD & ANNA ENGEL	OFAITH	05-08	4	DHI	305		22970	3.4	771	3.8	868
JAMES H GLOVER	HOLSEY	04-10	3	DHI	305		22359	3.4	768	3.6	803
EZRA H MARTIN	101	02-02	1	DHI-AP	305		24090	3.2	767	3.0	731
WALNUT LANE FARM	KITTEN	03-03	2	DHIR	296		23490	3.2	760	3.3	784
RICK + MIN BRENNEMAN	GLORIE	04-01	3	DHI	305		20490	3.7	759	4.6	948
WARREN SNOPE	699	03-05	2	DHI-AP	296		25368	3.0	755	2.8	709
ANDERSON FARMS	R28	03-00	2	DHI-APCS	305		21913	3.4	753	3.7	803
ROL KELL PEN MOORE	DIAMOND	01-10	1	DHI-AP	296	296	23131	3.3	752	2.6	598
PAINTER LAND FARM	121	03-11	3	DHI-APCS	305	305	25342	3.0	751	3.2	818
SHAW DAIRY FARM	SD35	04-11	3	DHI-AP	287		23271	3.2	751	3.9	912
MARLIN D HEISEY	177	03-04	2	DHI-AP	302		23230	3.2	751	3.3	767
KIN DU FARM	DUEY	05-04	4	DHI	305		24679	3.0	744	4.1	1011
JOHN SNYDER	BLACKIE	04-02	3	DHI	305		22196	3.3	742	3.7	816

RED & WHITE

Farm Name	Barn Name	Age Yr-Mo	Lact No.	Type Test	Actual Production Days 2X	Days 3X	Milk Lbs	Prot %	Prot Lbs	Fat %	Fat Lbs
DUVALL BROS	G 70	08-09	7	DHI-AP	305	103	32240	3.1	1005	3.0	958
STONER DAIRY	266	05-04	4	DHI-AP	305		32907	2.9	953	3.3	1082
W JOHN ALLFORD	JILL	05-10	5	DHI-APT	305		27352	3.3	899	3.8	1031
JOHN+SHIRLEY HOUSER	CANDY	03-06	2	DHI-AP	305		26082	3.4	898	3.6	932
CANON DAIRY	TRIFIC	03-06	2	DHI	305		27962	3.2	884	3.7	1038
VERMILION HOLSTEINS	AMOS	06-07	0	DHI	305	305	25511	3.3	843	3.5	883
VERMILION HOLSTEINS	THETA	02-04	1	DHI	305	305	25880	3.3	843	3.5	898
JOHN BENSCOTER RW	7 UP	07-10	7	DHI	305		28246	3.0	838	3.1	865
GERALD R MARTIN	39	04-06	3	DHI-APT	305		26331	3.1	823	3.3	865
LATINI BROTHERS R+W	33ALIC	08-08	7	DHI-APT	305		26736	3.1	823	3.9	1030
KARL W HERR-JER	OOLISA	07-02	6	DHIR	305		28100	2.9	823	3.5	977
KARL W HERR-JER	OJOYCE	07-00	6	DHI	305		22500	3.6	816	4.5	1002
JO JEN HESS	TOMMY	07-04	6	DHI-AP	305		29559	2.8	813	3.1	916
CANON DAIRY	MARY	04-03	3	DHI	305		26431	3.1	812	3.7	968
MAVIN D SCHULTZ	PAM	06-05	0	DHI	305		24765	3.3	809	4.2	1040
SNYDER DAIRY FARM	RDDIX90	03-10	2	DHI-APCS	305	305	24495	3.3	808	4.0	974
MATT WILL R&W	KARA	03-11	2	DHI-APT	305		24134	3.3	802	4.8	1152
ALLEN FARMS	T 292	03-03	2	DHI-AP	305		22985	3.5	798	3.5	812
MATT WILL R&W	KASMIRA	04-01	2	DHI-APT	305		25406	3.1	796	3.4	865
ANTHONY CARPENTER	DEE	05-04	4	DHI	305		24178	3.3	795	3.6	865
PURNDALE FARM	DEANN	02-05	1	DHI	305		24222	3.3	795	3.8	914
CANON DAIRY	RAMONA	03-06	2	DHI	305		27371	2.9	792	3.3	893
JOHN+SHIRLEY HOUSER	JUNE	03-02	2	DHI-AP	305		22209	3.6	792	4.2	929
CANON DAIRY	JUNE	03-02	2	DHI	305		25512	3.1	788	3.9	995
CANON DAIRY	FRIGHT	04-02	3	DHI	305		25384	3.1	785	4.1	1048

Mower/Conditioner With Hydraulic Center-Pivot Steering

RACINE, Wis. — The Case International 12-foot disc mower conditioner, Model 8312, is the first Case IH disc mower conditioner to feature hydraulic center-pivot steering with a mechanical driveline.

Other important features include a 12-foot cutting width, automatic roll separation, and cutterbed advancements. The unit is designed for use with an 85-plus horsepower tractor with 1,000 rpm PTO and two hydraulic outlets.

"We've married the cutting advantages of rotary mower conditioners with the maneuverability of hydraulic center-pivot steering found on sickle-bar mower conditioners. This gives farmers the best of both worlds," said David Hess, Case product manager-hay and forage. "With the Case International 8312 Mower Conditioner, customers can mow in conditions a sickle bar can't handle - dense, wet, downed, and tangled crops for fields plagued by rodent or fire ant mounds. And, they can do it faster," Hess said.

"Our hydraulic center-pivot steering lets the operator cut up and down the same side of the field. On-the-go positioning is a one-lever operation, which is handy when you need to adjust for sidedraft on hills or move around obstacles like trees or fence rows. Off-the-field movement is equally convenient, since overall transport width is only 12.5 feet, just slightly more than a conventional 9-foot machine," he said.

The design of the mechanical driveline on the 8312 provides unique advantages, according to Hess. The gearbox, which pivots in conjunction with tongue swing to reduce driveline angles, provides belt-drive power to the cutterbed and hay conditioner roll drives. Belts are high load-carrying, reinforced-fiber powerbands for long life. The entire driveline is slip- and overrunning-clutch protected. "These are features that ensure smooth, reliable performance," said Hess.

Another design feature on the 8312 is the overhead mainframe header suspension. Integrated header components are separate from the mainframe. Free-header flotation promotes uniform cutting with minimal scalping.

Hay is conditioned by intermeshing, 110-inch-wide rolls driven through a gearbox and enclosed chain case. Adjustable roll spacing and roll tension on the 8312 provide uniform drying with minimal leaf loss. Adjustable baffles enable an operator to lay 36-inch windrows or swaths up to 106 inches. For non-plugging operation, automatic roll separation is standard.

The Case International 8312 mower conditioner marries the cutting advantages of rotary mower conditioners with the maneuverability of hydraulic center-pivot steering found on sickle-bar mower conditioners for mowing in tough conditions a sickle bar can't handle.

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Business News

Peck Promoted To Communications Director

DeFOREST, Wis. — ABS has announced the promotion of Edward C. Peck of Madison to the position of director of communications.

Edward C. Peck

Peck joined ABS in 1992 as manager of public relations, serving as the communications liaison between the public and ABS. As the new director of communications, Peck will continue to serve as the key corporate public relations liaison while overseeing the ABS tour program; all editorial and publication efforts including the ABS Breeders Journal, news releases, etc.; ABS-hosted customer tours; ABS sales promotions and trade show involvement; and the creative communication projects of the company.

Additionally, Peck will be responsible for directing and developing the strategic ABS communication plans and projects within the ABS representative, employee, industry, and community networks.

Minority Society Gives 4-H'ers A Helping Hand

UNIVERSITY PARK (Centre Co.) — Minority youth in a Philadelphia 4-H club found new role models and learned about career opportunities in the agricultural sciences this year, thanks to the efforts of the Penn State Chapter of The National Society for Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS).

Members of the Penn State Chapter, called the Minorities in Agriculture and Natural Resources Association (MANRA), along with volunteers from Penn State's Black Caucus, Latino Caucus and Puerto Rican Students' Association, worked with 4-H'ers ages 13-16 in the Fitzsimons Middle School in inner-city Philadelphia. They helped the youngsters with science and agricultural projects and spoke with them about careers in agribusiness, engineering, environmental management, and other agricultural fields.

"The U.S. Department of Labor estimates that more than 48,000 jobs will open in the agricultural sciences each year during the 1990s," said Dr. William Henson, minority affairs assistant to the dean in Penn State's College of Agricultural Sciences. "Minority youth should have a chance at those careers."

The Penn State students met with the 4-H'ers every week during the 1992-1993 school year. The club, which changed its name to the 4-H Junior MANRAs, took field trips to Penn State's University Park Campus and Washington, D.C. Some attended the national MANRRS meeting in Huntsville, Alabama.

"Most of these 4-H'ers have had little exposure to higher education. We're showing them that attending college opens up career opportunities," said Daisy Artiles-Hunter, 4-H agent in Philadelphia County. "The young people also are developing interpersonal skills by participating in projects, conferences, public speaking, and demonstrations."

The Junior MANRAs also can become mentors for new and existing 4-H'ers. Youth who are selected to become 4-H mentors learn skills for leadership, mentoring, public speaking, and 4-H project training. The young mentors work with members of MANRA, participating in conferences and special training sessions.

This November, the Junior MANRAs attended the First Annual Junior MANRAs Conference, hosted by Penn State's Berks Campus.

"The conference included workshops on leadership skills and agricultural career paths, as well as a presentation highlighting the contributions of African Americans, Latin Americans, Asians, and women to the agricultural sciences," said Henson, who helped develop the program along with James Locker, affirmative action officer in the College; Elmore Hunter, county extension director in Philadelphia County; Daisy Artiles-Hunter; and Penn State students Cherice Parker and Minerva Matos.

The 4-H Junior MANRAs program will expand in 1994. "Mainly it has served African-American and Latino youth, but now we're attracting Asian youth as well," said Artiles-Hunter. "We're also going to expand the number of youth participants. We're developing a proposal for a summer program at Berks Campus, featuring courses in math, English, and agricultural sciences."

"This program offers our young people the opportunity to set attainable goals for themselves," said Henson. "It also creates a core of positive young people who will be able to promote and generate further interest among their peers."

Herbicide Provides Consistent Grass Control

WHITE PLAINS, N.Y. — University weed scientists who have worked with Surpass, the new corn herbicide from Zeneca Ag Products, say the product will give farmers a strong tool for controlling grass and certain broadleaf weeds in corn.

Zeneca anticipates EPA registration of Surpass prior to the 1994 crop season. The company is preparing to make the product available to farmers on a commercial scale for 1994, according to Dirk Drost, technical product manager.

Surpass is applied preemergence or shallow-incorporated. Surface applications are effective when made up to 30 days before planting, according to Zeneca. In reduced-till or no-till, the company will recommend tankmixing Surpass with atrazine, Bladex or Extrazine.

Zeneca's Drost said that Surpass controls common annual weeds such as foxtails, fall panicum, woolly cupgrass, barnyardgrass, crabgrass, and others.

Tom Bauman, Purdue University extension weed scientist, said, "We've looked at it for several years, and it has provided outstanding giant foxtail control."

Alex Martin, University of Nebraska weed science professor, reports excellent control of green and yellow foxtail, the most common grass problems in eastern Nebraska, from the product.

University weed specialists generally agree that Surpass offers improved consistency of grass control in corn over a wide variety of weather conditions.

Mike Owen, Iowa State U. agronomy professor, said acetochlor (the active ingredient in Surpass) has performed well through wet and dry years in Iowa.

"We compared herbicides against foxtails and woolly cupgrass beginning in 1984 when it was wet, through the dry years in 1988 and 1989, then in wet weather again in recent years. Acetochlor has been more consistent than comparative materials," he said.

While primarily a grass herbicide, Surpass is expected to give farmers a bonus in the form of broadleaf weed control.

"We think this will be welcome, especially as restrictions on atrazine get tighter," Drost said. "Farmers can reduce their atrazine rates up to 30 percent because of the activity Surpass has on broadleaves."

The proposed label for Surpass includes control of lambsquarters, pigweed, black nightshade, common ragweed, kochia, and others.

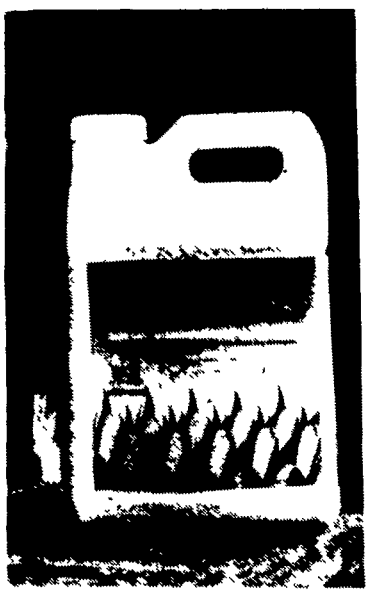
Drost said that Surpass won't be a standalone treatment in most cases, however. Typically it will be used with a broadleaf herbicide, either as a tankmix or a sequential treatment, to control additional broadleaf weeds.

University weed scientists say they've seen full-season residual control from Surpass, and no problems with carryover. 1993 provided a good test of staying power as excess rain slowed early crop growth and canopy formation.

Owen has researched various formulations of acetochlor, the active ingredient in Surpass. "In Iowa State trials in conventional, reduced-till and no-till conditions, of the chloroacetamide family of herbicides, we had the best results consistently with acetochlor," he said.

Zeneca has added a corn safener, dichlormid, to acetochlor to provide a wide margin of crop tolerance to the herbicide.

University of Missouri weed scientist Don Null has run trials with Surpass at up to four times the labeled rate. "We've never seen a problem with crop tolerance," he said.



Registration is pending for Surpass EC, a new, highly active corn herbicide from Zeneca Ag Products. Zeneca anticipates registration of Surpass in advance of the 1994 use season. Surpass expects to be labeled for control of grasses and small-seeded broadleaf weeds. It may be applied preemergence or shallow-incorporated, and used in tillage systems ranging from conventional to no-till. It requires less moisture to activate than other preemergence herbicides.

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Weston Farm Is Premier Exhibitor

INDIANAPOLIS, Ind. — Judge Judy Moore of Eagle, Mich., sifted through nearly 120 head of Montadale sheep in route to selecting her champions at this year's E.H. Mattingly National Montadale held in conjunction with the North American International Livestock Exposition in Louisville, Ky.

First place honors in the ram divisions went to Klink Montadales, Iowa; Baugh&Dunn, Missouri; Weston Farm, Maryland; Carroll Montadales, Illinois; and Pork Chop Hill of Indiana. Grand champion ram was awarded to Klint Montadales on their first-place yearling ram. The second-place yearling ram exhibited by Pork Chop Hill Farm was tabbed reserve.

In the female show, class winners were exhibited by Carroll Montadales, Illinois; Brookfield Farm, Vermont; Pork Chop Hill Farm, Indiana; and the Steve Roy Family of Indiana. Judge Moore than selected the intermediate ewe lamb of Steve Roy champion female. The first-place yearling ewe of Carrolls Montadales was selected reserve champion.

Pork Chop Hill Farm won top honors in the flock class. Premier exhibitor of this year's National Montadale Show went to Weston Farm of Glen Arm, Md.

First Place Intermediate ram lamb, Tyler 400B was exhibited by Weston Farm, Glen Arm, Md. Weston Farm is owned by Alfred and Katherine Tyler. Pictured with the ram is Mark Johnson, farm manager. Weston Farm was also the premier exhibitor of this year's National Montadale Show.

Egg Promotion Coalition Has Successful Year

WASHINGTON, D.C. — Egg producers in the Northeast are about to read some good news in the form of the Northeast Egg Promotion Coalition (NEPC) 1993 Annual Report.

The report indicates that more than 10 million favorable impressions were made through the consumer media at a cost of about one-half cent per impression.

"That's a lot of good coverage for a very good price," said Paul Sauder, coalition co-chairman. "We've been able to cost-effectively communicate strong pro-egg messages to millions of consumers during a time of negative publicly from other sources."

The coalition was set up to give egg producers a greater return on their promotion investment by harnessing the collective industry resources of states in the Northeast to increase the impact on consumers.

Coalition Co-Chairman Paul Hann said, "We have tried to reach our prime objective in three ways: by building on American Egg Board promotion programs, by organizing a regional crisis response team, and by enhancing state promotion efforts."

The coalition carried out these overall strategies through consumer media relations activities and direct contact with key decision makers such as food service leaders, health professionals, and state and federal regulators.

Media relations accounted for 74 percent of the Coalition's 1993 expenditures. This work resulted in favorable coverage in both print and broadcast media in the four largest metropolitan areas in the region: Boston, New York, Philadelphia, and Washington-Baltimore, plus other markets. Media relations activities also included establishing the NEPC crisis response team to provide accurate and timely information to reporters should a crisis occur.

The coalition spent 13 percent of its budget on contact with key decision makers through trade shows and other means, and on AEB printed materials, which supported communication efforts.

The remainder of the budget both enabled coalition representatives to travel to AEB meetings and allowed the coalition to lay the groundwork for a possible advertising campaign in early 1994.

Eight of the 11 states served by the coalition provided financial support, the pledges for the next year are already being made.

Producers are voicing strong support for NEPC. Peter Hudson of Hudson Egg Farms, Elbridge, N.Y., said "All of us . . . are happy to see that, finally, something is being done on a regional basis."

Producers will be receiving copies of the report soon. If you need extra copies, contact Mac McLaurin, NEPC, 808 17th Street, N.W. #200, Washington, DC 20006, (202) 296-8248.

Multiflora Rose Solutions On Trial

WELLSBORO (Tioga Co.) — "In any group of farmers, 100-percent will be able to tell you stories about their multiflora rose bushes. This is always a common discussion topic at meetings," said Craig Williams, Tioga County extension ag agent.

It was time to find out what works and what doesn't. Thus the Tioga County Multiflora Rose Study was born. The study started in late September 1993 and will continue until the fall of 1994.

Bill Curran, weed specialist from Penn State, had conducted a similar study at the Northeast Crop Expo and is consulting on this study. Two sites for the study have been selected — the Eric Coolidge Farm near Wellsboro and the Wood Farm in Knoxville.

"We had no trouble locating two test sites out of the 700 plus farms in Tioga County. We had plenty of volunteers for the asking on this study," said Williams.

The two sites would be conducted the same. "We wanted to test several common herbicide products, used in the fall and spring, on a single farm, side by side. This would give our farmers a single site to go look at the test results," said Williams.

The applications to the bushes will be a late fall treatment in 1993 of a group of bushes, a spring 1994 application of a second group, and a single winter application on a single bush. A group of farmers met at both farms to learn about the study and see the semi-killed multiflora rose bushes in November. The educational field days will continue during this long-term study. The field days discussed the reasons the multiflora rose is invading the pastures.

The products that are being used are Crossbow, Ally, Roundup, Banvel, and Spike. Each product was applied according to the label directions and calculated out for a per bush charge and a per gallon mixed charge. This is the cost that was discussed:

Product	Rate	Cost
Crossbow ($38.00/gal)	1% solution/gal = $.38/gal	or $.19/bush
Roundup ($44.00/gal)	1% solution/gal = $.48/gal	or $.24/bush
Ally ($30.00/oz)	1.0 oz pr/100 gal or .2835 grams/gal = $.34/gal	or $.17/bush
Spike ($9.25/lb)	20 lbs/acre on spot treat. = $.64/bush applied on rate of 1 bush = 100 sq. ft. (10x10)	
Banvel ($73.00/gal)	6% solution/quart = $1.14/quart	or $.74/bush (Banvel carrier volume equals 1 pint/bush)

Other products included Emulsifier/NIS at $15/gallon and No 2 Diesel at $.80/gallon. Both Roundup and Ally required NIS and Banvel required NIS and diesel. At future meetings, the farmers will be able to see how each bush has been affected.

Grazing and hay restrictions for grass forage and pasture herbicides given in the Penn State University Agronomy Guide were also discussed.

For more information, contact Craig Williams at the Penn State Cooperative Extension Office in the Courthouse Annex in Wellsboro by calling (717) 724-9120.

Craig Williams, left, Tioga County extension agriculture agent, discusses the multiflora rose control study that is being conducted on two farms in Tioga County. Pictured are Craig Williams; Joe Bohnert; Melissa Bravo, CMA technician; Ralph Mattison; Erick Coolidge; and Jeff Cornell of Agway.

1 FARM EQUIPMENT

(1) 3300 gas combine, 13' head, $4,950. Larry Stalter "The Combine Man" 1-800-248-2151

1934 10-20 McCormick iron wheel tractor w/ matching plow, good original condition. 908-329-2225.

1936 JD A, unstyled, completely restored, original round spoke rims. Asking $4,500 (609)799-1297.

1941 Oliver HG crawler, motor runs good, $1100 OBO, 1941 Molene model Z w/4R corn planter & matching cultivators, tractor runs but needs magneto work, $1000 OBO. 410/756-6027 after 5pm.

1941 unstyled JD G, engine rebuilt, runs excellent, but needs radiator and fuel tank repair. Asking $4,000. Call evenings (717)222-4432.

1947 John Deere A; John Deere 420 crawler; 8N. 215-267-2497 after 4PM.

1969 John Deere 4520, power shift, dual hyds., 125 horsepower, cab (717)267-1489.

1980 6620 dial-a-matic chopper, very good, Finance. $24,900. Larry Stalter, "The Combine Man" 1-800-248-2151

1985 F-350, 4 speed, 460 engine, power steering, no bed 1993 Black Bear trailer, 16' long, 78" wide, full width ramps. (717)267-1489

1986 Ford 555A backhoe 4x4, cab, extend-a-hoe, 2800 hours, excellent condition, $28,500 OBO. 304/829-4449 evenings only, Wheeling, WV.

1989 Case IH 1660 combine, 4WD, 6R 1063 corn head, 1600 hrs., excellent condition, financing available. 914-876-6614.

1 JD 210C Backhoe Loader 717-573-2215.

2N Ford, very good condition, just gone over, $2500 OBO 717-622-6722.

3,000 gallon tank spreader, new tank, $8,300. Kawasaki 250 3 wheeler, $900 Kawasaki 125 4 wheeler, $100 All go Make offer. (717)548-2968.

3 PTH Equipment, Mechanical 1R Transplanter, NH 7' 450 Sickle Mower, Bartville 1R Water Wheel Planter (New), 5' disc; 2X 12" plow; 1R cultivator; 5' MC flail mower w/bagger & roller Thom Wheary (717)687-0102.

4400 D, low hrs., $6,950.; 4400 gas, $3,950. Larry Stalter "The Combine Man" 1-800-248-2151

4425 JD Combine, 1275 hours, excellent condition, one owner, field ready, w/443 corn head, $35,000 OBO 215/766-0534.

477 New Holland haybine for parts, $600; Land-O-Matic Chlorinator $400. 717-734-3694

47 Farmall Cub, Restored Like New, w/4' Mott Mower Asking $3300. (717)784-9488 8AM-5PM (717)437-2334 Evenings.

4500 watt generator w/8hp Briggs & Stratton engine. 215/286-9343.

560 Cockshutt diesel tractor, excellent condition, new paint, new tires, completely restored. Ohio, (614)796-6755.

60 hp diesel, water cooled, recently overhauled, runs OK $1400; also new Kohler 4 hp, still in the box $250; also 2-cylinder Wisconsin baler engine, runs, $500; Dauphin Co 717/365-3967.

6600 Deere, spin shield, very good, $7,950. Larry Stalter "The Combine Man" 1-800-248-2151

(76) full set track pads for 95512A CAT, new, $800. 815-436-8973.

'80 7720, very good, chopper, EHC, $23,150. Can be 4x4 Finance. Larry Stalter "The Combine Man" 1-800-248-2151

843 Bobcat with 911 backhoe, scoop, forklift attachment, 50 hp diesel, only 1400 hrs, bought new $32,000, sell $14,900. Great for contract farmer. 717/361-7664.

8x18 metal rack bale wagon, no gear, $1,150. Vandale S600 bale processor $1,600 Chem-tech clorinator pump, $200. Badger 1100L tank spreader, needs repairs, $900. JD 1065 wagon gear $400. Wenger 10 ton w/quick adjustable tongue, no wheels, $600. Lancaster County. (717)656-2615.

AC 185, new rubber, 3,700 hrs., clean, $6,250. 410-833-9091

AC 220 w/cab, $4,800 410-833-9091

AC 5050, clean, low hrs., diesel, excellent condition, weights 717-768-3508.

DISMANTLING FOR PARTS: Just arrived for parts: AC 655 loader w/4 in 1 bucket, good 2200 series engine, fair U/C, good clutches, and final drives available All parts available
BALANDA EQUIPMENT
P.O. Box 407 RT 29
Palm, PA 18070.
1-800-322-8030

AC 8030 diesel, 4WD, powershift, cab, 140hp, excellent condition, $21,500, 315-393-3435

Antique JD LA tractor, unstyled grill, nice, $2,000 1-800-248-2151

Antique Kwik Mix cement mixer w/Stover 2½ hp hit-n-miss engine, $1000; 200 gal. pull-type sprayer, 10 row booms, $450; 79 Ford F150 302 3-speed w/little rust, $500 717/694-3099

Artsway 800B, TMR mixer wagon, digital scales, excellent condition, 2 years old, $6,500. (814)425-7094.

BATWING MOWER WOODS B-320, demo, new, $7,500 410-833-9091

BUSH HOG 10' pull type mowers, complete, set up and ready to go, $3795. Taneytown Farm & Hardware, 410/751-1500.

Butler Feed Tank 7.8T 4" Auger and Motor $475 (410)775-7425.

Case Cat 1, 3pt. mod hitch assembly, mounts in place of backhoe on 580A or 580B, $650 OBO 215/584-0494.

Athens #84 disc, 14', $1800, ear corn in narrow crib 717-589-7481

Chipper 16" disc chipper, 5 cylinder, air-cooled Deutz diesel, hydraulic feed, extra set of blades, top condition, $8,900 (717)938-1864.

Cozy cab for JD 2240 tractor, $500 717-733-7408.

Craftsman's welder, 295 amp, good condition, $150, Int Cub Cadet 70, no engine, snow plow; Wheel Horse 7hp electric start 717/656-6893, 717/656-3279.

Deere 5830, 2,250 hours, metal detector, super sharp, $71,500. Trade & finance Larry Stalter "The Chopper Man" 1-800-248-2151.

DISC HARROW JD 8' offset, "Killafer", like new, $600. 410-833-9091

DISK ATHENS 10', $1,200. 410-833-9091

DISK OLIVER 253, 12', excellent, $1,000 410-833-9091

Diller Manure Tankers: Pull type or truck mounted. We buy, sell, trade, and rebuild at a fraction of new cost Call (800)523-8002 or (717)369-2691 today. Franklin County.

Dismantling for Parts: Hundreds of farm tractors new and old several JD 2 cylinders also dozers and track loaders. Call for any part you might need Atkins Tractor Salvage Union WV 24983 Phone 304-772-3741.

DISMANTLING FOR PARTS D1402 and V1902 Kubota engines; BSD333 or 201CID, Ford 3-cyl diesel engines; VH4 Wisconsin engine; L553 NH skid loader Complete repairs on skid loaders including hydrostatics GD EQUIPMENT 717-859-3533.

END OF YEAR SPECIALS: 500 Case rebuilt $5000, 900 w/pulley $3800, WDR9, $2000, WD9, rebuilt $3300; Parts for W9, WD9, 930 Case, Interstate Batteries; Rear mount pulley for JD4020 AARON KING, 155 Herr RD, Ronks, PA 17572.

Farmall Cub with 48" Mower, Sharp $1800; IH 16' Spring Tooth Harrow, $250, Farmall B 6' IH Belly Bower $1250 (215)968-4808.

Farmall Super C fast hitch plow, spring tooth harrow, cultivators, wood saw, sickel-bar mower, blade All for $3,000. Out of estate (301)898-7426.

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164.

Fencing Equipment for sale Ford tractor, front mount, commercial shaver post driver, 4" hyd. auger, 5 reel wire dispenser, plus extras. Summit Systems, Inc, 814/735-3293.

Field Queen Harvester 3RN, 6' Hay Pickup $8000 OBO; Schwartz Feed Wagon High Discharge, 2 Feed Carts $20 Each; 10 Cow Mats $5 Each. Vinyl Trough Liner 24"WX60' Lancaster County. (717)367-0895

FORKLIFT PETTIBONE SUPER 6, Detroit power, rebuilt engine & trans., $6,500. 410-833-9091

FOR SALE: Mix hay 4x4 bales; Ontario drill; NH harvester; Hay corn head 12' disc, WANTED: 6" irrigation pipe, strawberry trays 814-371-2289.

Ford 4500 diesel back hoe/loader in good condition. $6,750. Shown in Lairdsville, PA by appointment. Leave message at (215)688-2904.

Ford 5000 platform, WFE, new tires, excellent condition (717)784-4499.

Ford 8000 105hp, rebuilt motor under 50hrs., new high low, PTO clutch and hydraulic pump, good paint, $6500. 203-354-5631.

Ford 9N Tractor, 3Pt. Hitch, Excellent Tires All Around, 5Ft. Woods Finish Mower, 2 Bottom Plow, Spring Tooth Harrow, 6Ft. Blade, Set of Heavy Duty Chains, Plus Accessories. Call (717)546-6614 After 5PM.

Ford loader for 5000 Ford, individual hydraulic pump, $1500 717/355-0373.

For most any combine, grain and/or corn header, or self propelled choppers. Call Larry Stalter, "The Combine Man" 1-800-248-2151

For Sale JD 3020, Diesel, Syncro Trans., Dual Hyd., New Paint, Good Rubber, Excellent Condition. $7200 .Call (315)496-2814.

Front end loader fits JD 820 or 830, $500. 215-249-1262.

Gravely Walk Behind Tractor, 25" Snowblower, 30" Brush Hog, 36" Sickle Bar, 48" Snowblade & More. (717)392-0514.

Hardi 300 gal. trailer sprayer w/chemical filler, 44' booms & foam marker, 2 years old, $4800; 18' Int. disc, $1600; 10' Int. #10 grain drill, $1300; 16' hay wagon w/wooden sides, $450, 10' cultipacker, $350 410/848-3167.

HIGH TORQUE DIESEL STARTERS with 3 yr. warranty for most domestic tractors and select imports. With 6 month no risk money back guarantee. Call Gary D. Sneath at 1-800-622-7892

Harsh 240 TMR Mixer, Demo Unit. (717)263-6199.

Hesston 4800 big square baler, field ready, $15,500. (215)598-7687.

Hobart Welder, 6-cylinder Ford engine, RPM 1800, 115 volts AC, good working condition, $2500; water tank, approx. 6000 gal., $1000; Myers Ejecto water pump, $175. Christian B. Zook, 5192 Mine Road, Kinzers, PA 17535, west of Gap.

H&S FORAGE WAGONS, STOCK TRAILERS, BI-FOLD RAKES: Model 235 hd manure spreader, special price, 1 only, $4600. Bob Wilkins 814-635-3392

IH 1066 TA, hyd clutch, all reconditioned 1989, $13,500 IH 826 new TA clutch, 18x38 tires, $8,300. (717)423-6719.

IH 12' leveling disc, transport, excellent, $1,000. (301)898-7426.

IH 1466 w/cab, field ready, 20.8 rubber, sharp, $8,000. 410-833-9091

IH 400 cyclo corn planter, 4RN; JD 7', model 350 mower All equipment shed kept. 908-369-4023.

IH 656, gas, tri-cycle, new motor, outlets, TA, excellent rubber, $3,500 410-833-9091

IH 784 new TA, clutch, hr 2760, 1983, $10,900. IH 656 TA, good condition, $4,950 (717)423-6719.

IHC 5088 cab, air, 3 remotes, new 20x38 Firestone radials, wts like new, $26,500. (717)423-6719

IH roll bar, complete, off 66 series tractor, $275. (717)532-8926.

IH Subsoiler, 5-tooth, auto reset, $3100; JD #27 flail shredder, 1000 RPM, 14', $1500; IH field cultivator, 18', hyd. flat fold, $2500. 717/336-6547.

IHTransport Disk Model 350, 10'Wide 7"Blade Spacing, Furrow Fillers, Like New Condition. $850 OBO. ChesterCo. (215)857-3949 After 6:30PM

IH tractors. W4, Super W6, WD6, Super WD9, 600 diesel, 650 gas, 1020 on steel wheels. Barry Downes, Ontario Canada (905)983-9331

Int 2R & 4R potato planters, excellent condition, field ready, $1500/each; FMC air blast sprayer w/ new 20hp cooler engine, 300 gal. plastic tank, electric shut-off, 180degree rotating head, $1800, Onan 10kw generator, less than 20 hours, like brand new, $1500; Fabtech mobile platform lift w/8x10 platform, will extend 35' high, power driven, $9995 814/736-9080

JD 1250 6R corn planter, dry fertilizer, monitor, plateless, mint condition, $1,000 (301)898-7426

JD 2010, tricycle, very nice, field ready, $2,400. 410-833-9091

JD 24-blade KBA transport disc, $525, Smoker 30' elevator w/corn chute & motor, $600 NICE, NH 256 hay rake, nice, $1850 215/562-4464

JD 2950 MFWD, SGB, rebuilt clutches, new paint, field ready. 215-445-4726; 717-354-6141.

JD 2 Cylinder Tractors, 620; 630, 3Pt., New Rubber, Nice; 630 3Pt., Fenders, Good; 720 Gas, 3Pt., Nice, Original Condition; 720 Diesel, Factory Electric Start, Serial #7229000, Next to the Last One Built, Needs Restored. Call Evenings After 8PM (304)735-5710.

JD 3020, gas, tricycle w/#48 loader, very nice condition, $6,250 410-833-9091

JD 36' corn and hay elevator, very nice, $500. (301)898-7426.

JD 38 chopper, dismantling for parts. 13-ton feed bin. 717/665-4743.

JD 4010, gas, factory wide front, new rubber on front & rear, very nice, $5,250. 410-833-9091

JD 55 combine, 1 head, excellent condition (717)653-9175

JD 60, narrow front, $1,900 410-833-9091

JD 630, tricycle, narrow front, $3,000 410-833-9091

JD 643 6RN Corn Head, Done 600 Acres, $11,500, JD 215 Flex Head, $2,000, Badger BN 103 12' Manure Pump, Needs Insert, $1200 (215)869-8745

JD 720, diesel, tricycle, $3,000 410-833-9091

JD 730D, standard, pony, exceptional, $4,100/OBO. 410-833-9091

JD 830, 730 and 1951 G WF. Call evenings. (717)222-4432.

JD A 1948, runs good, decent, tin needs paint, $1300. 717/932-4017 after 5pm

JD High Quality Flex Heads 220, 216, 213. Shinabery Equipment, 517/523-2883.

JD High Quality Corn Heads. 843, 643, 443, 444, 343 Shinabery Equipment, 517/523-2883.

JD High Quality Combines 7720, 6620, 7700, 6600, 4400, Shinabery Equipment, 517/523-2883.

JD LA w/cultivators, restored, $1800. 609/965-7468.

JD wide front end; Used parts available for 4020, 4010, 3020, 3010 We ship check our price! 1-800-730-4020.

John Blue 15', 7 tine, no-till tool bar, nitrogen enjector, $1295, Oliver 2 bottom rollover plow, $895 717-653-1568

K-2 Gleaner diesel, A/C, power spout, 12' head, automatic header, shaft monitor, duals w/like new tires, 1400 engine hours, $11,000 After 4pm, (215)795-2406

KING OIL Best by Test Engine and Hydraulic Oil, Hi-Temp Grease, Vacuum Pump Oil (717)243-9031

Lancaster Farming

PA STATE FARM SHOW ADVERTISING SCHEDULE

JAN. 3	JAN. 4	JAN. 5	JAN. 6	JAN. 7	JAN. 8
PUBLIC SALE 12 Noon ROP ADV. 5:00 PM	CLASSIFIED FARM EQUIPMENT & ETC. 5:00 PM	EARLY DEADLINE FOR PA STATE FARM SHOW	PRINTING AND MAILING DATE	HOME DELIVERY DATE	FARM SHOW OPENS

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section D. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

The following categories are available in your classified advertising. In Section C. Deadline-Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

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P.O. Box 609, Ephrata, PA 17522

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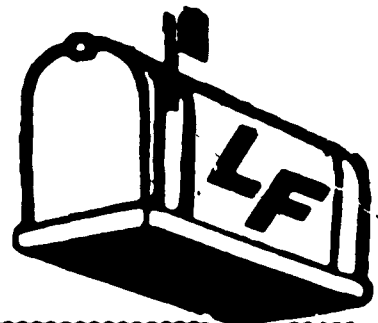

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Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES

36¢ per word per week - 1 or 2 times
30¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.96	7.92	9.90
12	4.32	8.64	10.80
13	4.68	9.36	11.70
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15	5.40	10.80	13.50
16	5.76	11.52	14.40
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18	6.48	12.96	16.20
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1	2	3	4	5
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(Phone Numbers Count As One Word)

Krause disc, rock flex folding wings, very good condition, Rhino 9' scraper blade, 3 way 215-469-9633

Late Int 715, German diesel, grain head & corn head, $7,950 Larry Stalter "The Combine Man" 1-800-248-2151

Late model Sauder snow plow, $300, Wheel Horse 616-Z lawn mower, $3900, MTD lawn mower automatic, $1200 717/687-7090 evenings

Lilliston no-til drill $5,500 IH800 no-til cornplanter, 4RW, $2,000 John Blue sprayer, 500gal, $2,000 (301)371-5964

LOADER ATTACHMENTS New Du-Al, fits all makes & models, 20% off 410-833-9091

LOADER ATTACHMENT IH 2250, like new, $2,500 410-833-9091

LOADER TRACTOR MF 40, gas, new rubber, 3 pt LPTO $4,800 410-833-9091

Loader Arm Assembly for IH 2250, good condition, $300 410-833-9091

MANURE SPREADER NH 790, tandem, $1,500 410-833-9091

McCormick W12 radiator with new core, Rebuilt IHC F4 Magneto, 10-20, F20, gasket sets, decal sets, Rebuilt Magnetos WANT F12 running motor, F20 steel wheels, W12 parts tractor, fruit jar, Maytag gas engine, WK40 parts tractor KINSINGER ENGINE SERVICE, RR1, Box 234A, Meyersdale, PA 15552

Meyers 14' forage wagon three beaters, roof, aluminum box with 12 ton tandem, very good, $4,200 OBO KMW QT loader with 5' and 7' buckets, good condition, fits 60-90 hp two size of Ford brackets $1,200 OBO (301)223 5430

Oswalt 230 TMR Mixer Wagon w/Scales, Used 2 to 3 Years, 120 Cow Capacity, Excellent Condition, JD 215 Disc (717)762 9418

PARTING OUT IHC 150 loader running engines, IHC 282 diesel, 263 diesel, lots engine parts, UD16 engine parts Somerset, NJ 908-658 3414

PLOW IH 420, 3 btm, same as new, $700 410 833-9091

NH 256 hay rake w/new teeth, $950 717/355-9820

NH 256 hay rake, $1375; Chattanooga 12' cultipacker, $850, JD 290 pull-type corn planter, $525, Int. 1100 pull-type mower, $975, NI 402 hay rake, $575 215/562-4464.

NH 357 grinder mixer with electronic scales, $3,000 Washington County (301)739-8938

NH 705 crop dryer, excellent for tobacco, good working condition w/burner and fan, $300 (717)359-9688

NH 790 chopper, 2R corn & pickup, 300 bu gravity bin on 10-ton gear 717/665-4743

NH 892 harvester, metal detector, electric controls, 6' grass head, 2RN corn head, nice, $6000 717/442-4858

NH self-propelled 1282 baler, good condition, $3500 703/721-2150

Oliver Cletrac crawlers for sale Model AG, model EHG with blade, model HG-42, model OC-3 with loader, model OC-3 with loader and backhoe, and model OC-46 with loader. Call 717-738-2573. Ask for Landis Zimmerman.

Oliver Cletrac parts crawler tractors only, hundreds of parts, reasonable 717/945-7759

RECONDITIONED MANURE SPREADERS NI 17, and 12A, good shape, $1,100. Rewooded 17A and 10A $1,900. Excellent shape Also have "as is" spreaders, $250 and up. 9½ ft cultipackers (1)15" packer and (1)12" packer Thom Wheary (717)687-0102

Super C w/Fast Hitch and 2R Cultivators $2500, Cub Tractor w/Attachments $1700, Cub Disc, snow blades and chains for reg lo-boy and 154-184 Cubs, $450/each Thom Wheary (717)687-0102

Sale Shawnee Loader Fits Ford Ferg.Etc $400; 5Yd. Dump Body, Fair. $400; 2Yd Dump Body, Fair $250. (215)968-4808.

Several used IH 1440 & 1460's and JD combines and heads. Call Larry Stalter, "The Combine Man" 1-800-248-2151

SKID LOADER HYDRO MACK 12C w/water cooled engine, runs excellent, $3,400. 410-833-9091

Snow-Away See Through Snow Plow, self-contained hyd, never used, $895; tractor chains, fits up to 38", like new, $150. 215/857-5706.

Complete factory Power Steering for Farmall 300 thru 450

- Case 930 w/WF, 3 pt. hitch, new rubber
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- Farmall H
- IH 5100 Soybean special, 18x7
- NI 702 Uni w/727 husker & 735 3RN
- Farmall 460 w/FH, PS
- Case 13' field cultivator.
- (2) Oliver 16x38 rims & wheels.

• Parts: 460, 450D,H

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JD 410 dsl, backhoe, loader w/extend-a-hoe, full cab
JD 2020
JD M w/snow blade
MF 285 w/multi power
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3000 Ford
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140's w/Mid-Mount Mower
Super A's w/Mid-Mount Mowers
Farmall A w/Mid-Mount Mower
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New Arps 730 - 3 Pt Backhoe
Hyster RC150 15,000 lb fork lift w/dual drive wheels
N H LB620 Backhoe & Loader w/3 pt Hitch Attachment
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A C - 6G Crawler Loader
Cat 955H Crawler Loader
1987 Superior 22 Ton Tag-A-Long Trailer w/Air Brakes & Hyd. Ramps
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New 3 pt. Fert. Spreader
3 pt Stone Rakes
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Large Selection of New Used & Reconditioned Equipment & Tractors

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Butler 28' Pit Pump
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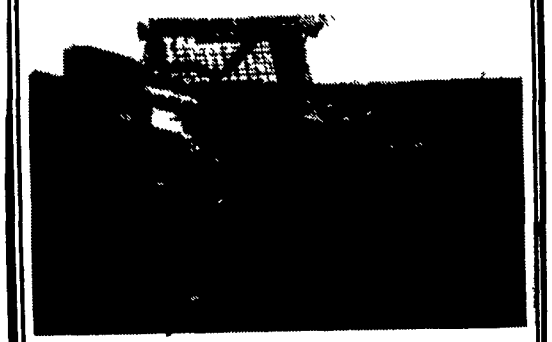

Gehl 4615 Skid Loader
Diesel, Aux. Hyd, Lights,
1300 Hours
$8,250
LTM Equipment Co.
717/949-3582

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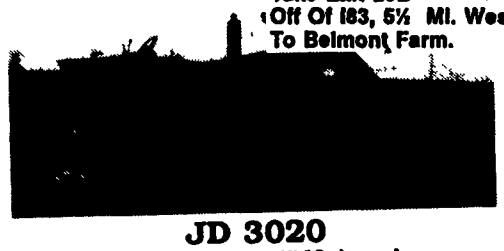
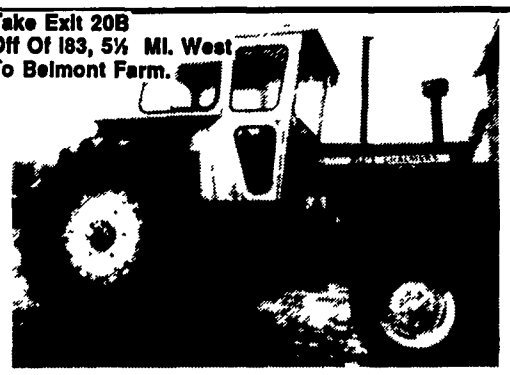
Off Of I83, 5½ Mi. West
To Belmont Farm.



JD 3020
Gas Synchro w/#48 Loader,
Nice Cond.
$6,250
410-833-9091

Take Exit 20B
Off Of I83, 5½ Mi. West
To Belmont Farm.



AC 220
Nice Cond., 125 HP
$4,800
410-833-9091

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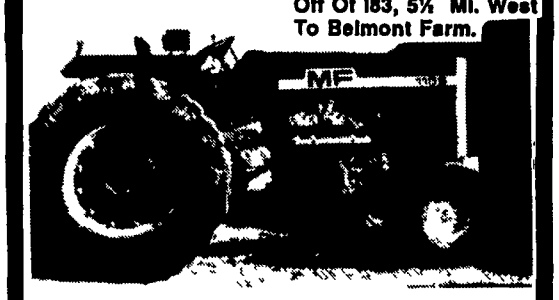
To Belmont Farm.



MF 1155
8 Speed, Runs Well
$4,200
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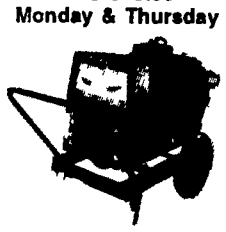
FISHER'S FARM SHOP
RR 1 - Box 114
Lincoln Univ., PA 19352
215-869-4477
Call Between
8:15 & 8:30
Monday & Thursday



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More Welders Coming In Soon

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Miller Trailblazer 250G w/spool gun and 150' of cable
Only 35 Hours
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The employees of W. C. Littleton & Son wish you Happy New Year
We appreciate your patronage in the past and in the future

NEW & USED TRACTOR & COMBINE PARTS
Large Selection
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WANTED USED OR ABUSED TRACTORS & CONSTRUCTION EQUIPMENT

USED TRACTORS
JD 2240, diesel tractor w/JD #37 loader, $9,500
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Case 1835 gas skid steer loader $5,500
IH model 595 tandem axle spreader $1,500 as is
AC model 2300 16' disc, like new $2,500
JD model F1450 5B, 18" semi-mount plow $1,000
JD model 210, 16' disc $750
JD LA tractor w/ cultivator & plow $1,200 as is
Case 580 Super E, 4 post, TLB, nice, $18,500
IH 454 diesel w/loader $7,000
JD 2630 diesel, 2350 hrs.

W. C. Littleton & Son Inc.
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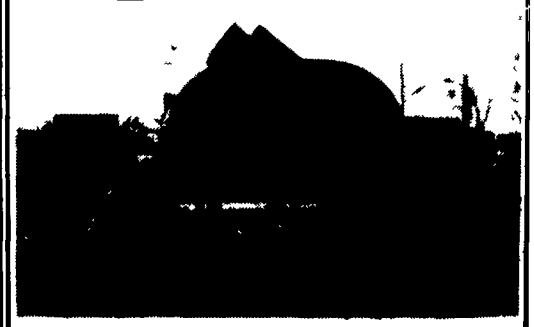
1-800-842-7445

HOW YOU CAN GET UP TO 15% MORE IN THE BAG WITH THE KELLY RYAN SELF-CLEANING CENTERLINE BAGGER



- Pack more punch from the center with less h.p. for tighter and more uniform bags of feed
- 7', 8' & 9' diameters 2 wh standard (up to 12' by special order)
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- #160 roller chain main rotor drive
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- Frontload dump hopper available
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CUSTOM BAGGING - All Items USA made.
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Dependable farm equipment since 1945

JD 7524 wheeler, engine just completely rebuilt, new 23x130 tires w/duals, 3pt. hitch & power take off

IH 786, 2400 hrs No cab
IH 1086 Cab-Air Fresh Engine
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IH 1566 w/cab, air, duals
IH 1206
JD 4020, 1966 model
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Set of 18.4x38 axle mount duals for IH
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4RW corn head for Gleaner F & 2RW for Gleaner E3 or K model
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813 Bean head

NI transmissions, gear boxes, drive wheels and Parts for 700 Uni- series corn heads. Several V6 diesel engines

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New Wide Fronts for JD 2510 through 4020, $1640. 517/523-2883.

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New 30' and 36' Elevators; rebuilt elevators half of new New parts for Model 155. We will trade, buy or rebuild your used or damaged NH Elevator. Thank You. Thom Wheary, Jr. 717/687-0102.

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Oliver 2255 Tractor
NI 406 Rake
NH 304 Slurry Spreader
NH 489 haybine (sharp)
NH 495 Haybine
A 6R 30" Head for AC Combine
JD 220 18' Disc Harrow
JD 1240 Planter
JD 7000 12R Corn Planter
JD 216 Forage Box
JD 714A Forage Box
Gehl 960 Forage Box
Hesston 1160 14' Windrower
White 4X Rollover Plow
White 288 Tractor w/Cab, Sharp!
White 8900 Combines
Ford 118 Plow

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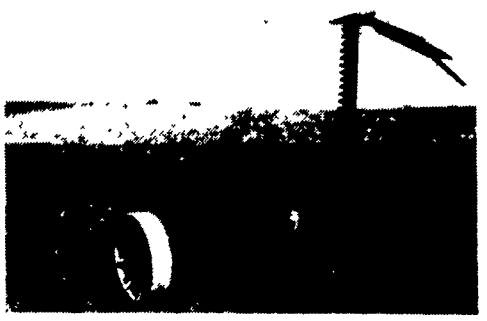
WE ALSO STOCK NEW VICON FERTILIZER SPREADERS

The I & J Cultivator



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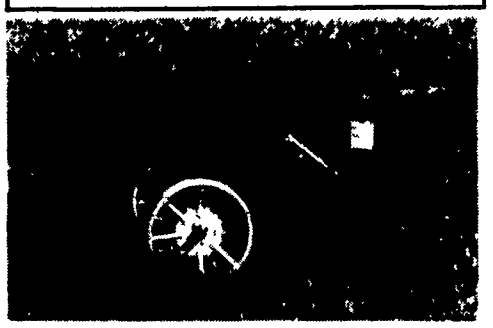

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Corn binders: get your orders in by June 1, 1994

We Also Carry Flex Tine Harrow

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JD 4630 Tractor w/Cab, Reconditioned
JD 4020 Tractor w/WF
JD 3155, Cab, MFWD, 1400 Hrs.
JD 3020 Tractor
JD 2950 Tractor MFWD w/ Loader
JD 2840 Tractor
JD 2640 Tractor w/Loader
JD 2640 Tractor w/Loader
JD 2440 Tractor
JD 2040 Tractor w/Loader
JD 2020 Diesel, Excel., New Engine
JD 1050 Tractor MFWD
JD 950 Tractor, MFWD, w/ Loader & Backhoe
JD 950 Tractor 2WD w/only 210 hrs.
JD 850 Tractor 2WD
JD 650 Tractor, MFWD
Ford 3000 Tractor
IH 5488 tractor MFWD w/cab
IH 504 Tractor
IH 404 Tractor
IH 284 Tractor

HAY EQUIPMENT

JD 346 Baler w/Ejector
JD 337 Baler w/Ejector
JD 336 Baler w/Ejector
JD 336 Baler w/Ejector
NI 456 Round Baler
JD 660 Rake
NI Hay Rake
JD 1219, Excel. Cond. w/ Side Shift Attachment
JD 1209 Mower Conditioner
NH 1499, 1100 Hrs., Excel. Rolls
NH 489 Mower Conditioner
NI 279 Cutditioner, 540 PTO
JD 3970 Forage Harvester w/3R Corn Head
NH 890 Forage Harvester w/5½' Pickup & 2 Row Wide
Used IH Rake

PLANTERS

JD 7240 Vacuum Planter, 11R, 1 Year Old
JD 7000 4R Planter
JD 8300 Grain Drill, Excel. Cond. w/Double Disc Opener
AC 333 4 Row, Air Champ., Dry Fertilizer
JD 315 Disc, Like New
Used JD 8250 Grain Drill
Krause No-Till Drill, 13'

COMBINES

JD 6620 Side Hill Combine Titan II
JD 6600 Side Hill Combine, Reconditioned
JD 220 Flex Platform
JD 3300, Gas Combine w/10' Platform
JD 643 Corn Head
MF 860 Combine, 4WD, w/1163 Corn Head, 9115 Flex Platform

MISCELLANEOUS

JD 1508 Rotary Mower
Rhino 20' Bat Wing Mower
Woods 14' Rotary Mower
Case Model 14, 9 Shank V Ripper
Used JD 27 Flail Shredder
JD 2500 5 Bottom Plow, Spring Reset
JD 230 Disc Wingfold
IH 9' Pull Type Chisel Plow
3 Pt. KrustBuster Drill, 15'
JD 415 Rotary Hoe, 15'

Happy New Year From All Of Us At

J.L. HOLLINGER & SONS INC.
RT. 72N, Manheim, PA.
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NEW & USED Farm & Construction Equip.

'91 Case 1840 w/Aux. Hydros. GP Bucket, New Flotation Tires, 800 Hrs.
$13,750

'78 MF 20C TL w/3 pt. PTO Full Cab
$8,500

SKID LOADERS

Bobcat 743 w/Kubota diesel, aux. hyd., 60" dirt bucket	$8,500
(2) Bobcat 843 w/aux. hyd.	CALL
(2) 1993 Bobcat 443B skid loader, aux. hyd, low hrs.	CALL
Case 1840 aux. hyd., GP bucket, new flotation tires, 800 hrs.	$13,750

BACKHOES

JD 500B, TLB	$5,500
(2) Takeuchi TB36 Hyd. mini excavator, like new condition	CALL
JD 210C, TLB, ROPS Canopy, 4WD, standard hoe	$23,500
Case 580E TLB, full cab, extend a hoe, 2WD	$17,500
'88 Ford 555B 4x4 w/cab, standard backhoe	$25,500
Ford 555A, ROPS, extend-a-hoe	$13,750
JD 410 w/cab, TLB	$13,750

FARM TRACTORS

AC 7000 dsl, cab w/air & heat, fair condition	$5,000
Case IH Model 235 dsl, 3 pt. w/Woods Model F35 mower deck, 350 hours	$6,850
IH 460 diesel engine, runs good	$2,350

CRAWLERS

Case 450B LGP, ROPS canopy, 6 way angle blade	$17,500
Case 855C, crawler loader, ROPS canopy, GP bucket	$17,500
Case 455C, crawler loader, GP bucket	$22,500
'88 CAT 935C crawler loader, GP bucket, ROPS canopy, excel. cond.	$22,500
JD 450C backhoe attach.	$3,000

MISCELLANEOUS

Vermeer 206 stump grinder	$4,500
NH Ford backhoe attach, B124	$6,750
Case backhoe attachment, demo unit, fits 1835C, 1840	$5,750
Reinco 3500 hydro seeder, new engine, mounted on Ford truck chassis, vg cond.	$15,000
Onan 10KW generator, 2 cyl. Onan gas engine, excel.	$1,550
Miller portable welder	$2,250

FORKLIFTS:

Case 584D 21' mast, diesel engine, vg cond.	$16,000
JD 350B crawler forklift, 21' mast	$8,500

RUBBER TIRE LOADERS

Case 1840 aux. hyd., GP bucket, new flotation tires, 800 hrs.	$13,750
Cat 944 4WD wheel loader, full cab, GP bucket	$6,500
Ford A66, 1980	$25,500
Kubota R410, 4WD, articulated wheel loader	CALL
Michigan 125 articulated loader, full cab, GP bucket	$11,500
(2) Case 1835B, aux. hyd, GP bucket	$7,750

Case 855C Crawler/Loader w/GP bucket, ROPS Canopy

Case 584D Forklift w/21' Ft. Mast Diesel Engine, VG Tires
$16,000

1915

In Stock - READY TO GO!

PRECISION HARVESTING

The Model 1915 self-propelled forage harvester makes it easy to make high-quality forage. The rugged 26-inch-wide cutterhead uses 12 full-width knives to deliver a fine, uniform chop for the best quality feed. And, the Accucut™ knife sharpening system makes it easy to chop at peak efficiency.

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NEW HOLLAND

QUALITY USED EQUIPMENT FOR SALE

- NH-1495 Diesel Engine, Hydro, cab, AC. Haybine
- Hesston 1130 Mower Conditioner
- IH 1086 Tractor
- (4) NH 489 Haybines
- NH 851 Round Baler
- NH 1034 Bale Wagon
- NH 144 Windrow Inverter
- NH 791 Spreader
- NI SOLD lurry
- NH L553 Skid Loader
- Gel SOLD orage Box
- Gehl 99 Blower

LAWN & GARDEN

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Off Of I83, 5½ Mi. West
To Belmont Farm.

JD 630
$3,000
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6000 gal. fuel tank (has 2000 gal. diesel in it) $2,500 OBO
1000 gal. new steel tank $500
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USED TRACTOR PARTS, also rebuilt clutches and torques We ship UPS. Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346 513-548-0718.

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MISC. USED EQUIPMENT & TRACTORS

USED TRACTORS

AC D19 w/Loader
IH F460
IH F706D
Woods 2855 Mow'n Machine w/52" Mower
Used Woods 1860 Mow'n Machine
Case IH 235 4WD w/Loader
IH 504
Cub Lo-Boy
Kubota L345, 4WD
IH 484, 2WD
Cub Cadet 1572 w/60" Deck
Cub Cadet 2072 w/60" Deck
IH 1862 w/46" Deck

USED EQUIPMENT

IH 56 Blower
IH 1190 9' Mower Conditioner
IH 2000 Loader (fits 756)
IH 800 6R planter
Kuhn 200 Mower Co
NI 353 Spreader
NI 363 Spreader
NI 362 Spreader
NI 484 Round Baler
NI 555 Baler w/kick
IH 440 Baler w/Thrc
IH 510 Drill 18x7
Woods HD 315 Mow
7' King Cutter
6' Ford Finish Mowe
Woods RM 500
JD Wheel Type Spreader
EZ Trail 1074 Running Gear

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BIGGS INCORPORATED
190 Biggs Hwy.
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Case IH

To All Our Friends And Customers, We Want To Wish Each A Prosperous 1994

SNOW SPECIAL

1991 Simplicity Sunstar, 20 HP With Snow Thrower & Mower, 160 Hrs. Was $5,695....Now $4,650

NEW BRILLION EQUIPMENT

BRS 4402 4R Cultivator	$1,900
MLS 1483 12' 4" Pulvi-Mulcher	$7,425
SS 10, 10' Grass Seeder	$5,150
BRS 6302 6R Cultivator	$2,525
SSLP Grass Seeder	$1,775

USED TRACTORS

JD 3020	$6,900
JD 4250, SG, PS, Wts., Triple Remote & Radials	CALL

USED EQUIPMENT

JD 4400 Combine w/heads	$11,900
JD 670 hay rake	$1,850
Kasten 250 spreader	$895
JD 8350 drill	$3,995
JD 244 cornhead	$995
Brillion 12' chisel plow	$1,295
JD 3R head	$2,975
Gehl 1200 harvester, 2 heads	$4,995
JD 2800 6B Plow	$5,200
IH 720 5B Plow	$4,200
Badger BN1040 Blower	$295

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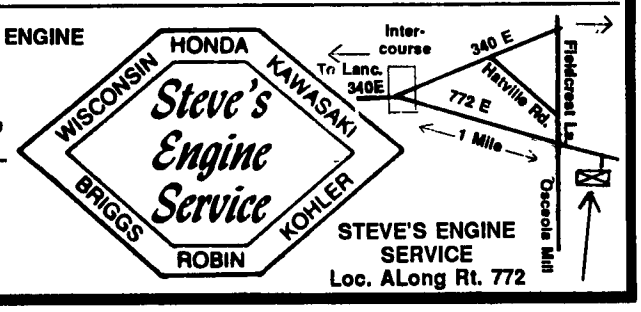
Steve's Engine Service



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USED FARM TRACTORS/CRAWLERS

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IH 284, 30 H P. w/Mower	$ 3,900
IH 1086, Cab, Good	$15,000

'86 Case 455C Crawler/Loader, 1300 Hrs, 1 Yd Bucket w/Teeth

MANURE SPREADERS

MF 110, Small PTO Spreader	$ 1,595
NI 360, endgate, 150 bu.	$ 2,300

HAY & FORAGE

Ford-NH 358 Grinder/Mixer, Very Good
NH 311 Baler w/Engine, Very Good
NH 315 baler w/thrower
NH 273 Baler w/thrower
New Holland 1495 self-propelled, gas
NH 488 Haybine
NH 489 Haybine
JD 1327 Discbine
Hesston 1014 Haybine
Gehl HA900 Hay Head, 6 Ft.
Gehl TR680, 2RW row crop
New Idea 456 round baler, 5x6

MISCELLANEOUS

5' Front Snow Plow, Hyd. Lift
6' Front Snow Plow, Hyd Lift
Hydraulic Lift Gate For Truck
MF 52, transport disk, 12'
JD 8350 grain drill, 18x7 w/grass seed and fertilizer
IH 800 corn planter, 4 RN- reduced
Ag Tech 665 loader for small diesel tractor
GMC, V6, diesel engine, overhauled

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MISCELLANEOUS

JD 740 Field Cultivator-16'
JD 10 Ft. Disk Harrow
Little Giant Bale Elevator
NH 304 Spreader
Feed Easy 210 Mixer Feeder
Baltimore Sold Spreader
Oliver 62T Baler w/ Thrower
Brillon Chisel Plow NH

TRACTORS

David Brown 1212
JD 50 With Loader

SKID LOADERS & UTILITY

Case 455 Track Loader
Case 580E, ROPS, Std. Hoe
Dynahoe 120 Loader/ Backhoe
Case 580E Sold end HOE
NH L-455 Skid Loader
Gehl 4510 Skid Loader
Case 850 Crawler Loader
Eager Beaver 9 Ton Trailer
Case 580C ROPS Hoe

FORAGE

JD 3960 Harvester w/2-Row Head & Pickup
Assortment of Gehl 99 Forage Blowers
Gehl CB400 Harvester
IH 550 Harvester
NH 27 Blower
Gehl 72 Flail Chopper

MOWER CONDITIONERS

Hesston 6200 Self-Propelled 12 Ft.- Very Good Condition
Vicon 281 Disc Mower Conditioner
Gehl 880
NH 489 Good Shape
(1) Case 555 Mower Conditioner
Case 650 Self-Propelled
IH 1190 Mower Conditioner
NH 1495 Self-Propelled
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Kubota F2100 w/5' Mower & Dump Grass Catcher
Ariens Rider
Case 444 w/48" Mower
Wheelhorse 312-8 w/ Mower & Grass Catcher
Ford YT - 18 H.P.

PLANTERS

IH 400 Cyclo Planter

Sales, Parts & Service For...• CASE UTILITY • GEHL • VICON • WFE • KUBOTA • HESSTON • SAME

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6400 MFWD-CG
5400, 2WD w/540 Loader
5200 2WD
6400 CG

USED
JD 2950, 2WD, low hours
Club lo-boy w/60" mower & blade
JD 1050 MFWD w/Loader
1948 Farmall H w/Loader

COMPACT UTILITIES

NEW
670, 770, 970, 855, 1070

USED
600 & 622 AMT's
1620 Grasshopper front mount mower

PLANTING

NEW
7200 6R dry fertilizer
750 No till drill, 10'
450 17DD drill

USED
494 JD Corn Planter
AC no till corn/soybean planter, 6 & 11 row, liquid fertilizer
AC 4 Row No-Till Corn Planter (Liquid)

TILLAGE

NEW
825 6RN 3 pt. cultivator
2000 4X spring reset semi-mount plow
Kvernland plows

HAY EQUIP.

NEW
1219 Haybine

USED
JD 640 Hay Rake
1209 Mower Conditioner
1190 IH Mower conditioner
336 Baler w/30 Thrower

HARVESTING

NEW
4435 Combine
444 Cornhead
JD 913 Flexhead
JD 9400 Comb.

USED
MF 200 forage harvester w/2RN head.
IH 303 Combine
10' G.H. 2 RW C.H.

MISC.

NEW
Westfield tailgate auger
403 Rotary cutter
503 Rotary cutter
603 Rotary cutter
516 Rotary cutter
717 Rotary cutter
720 running gear
95 3 pt. scrapers
1008 rotary cutter
Unverferth gravity bin
Unverferth header wagon

USED
L250 NH skid loader
JD AT40 cult. for 3020
Meyer 360 Equalizer Spreader

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10% off parts on jobs over $500 done in our shop during the month of January

NEW UTILITY TRAILERS IN STOCK

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—All backed by experienced, fully equipped service department with on-the-road service. From metal detectors to hyd-transmission to gearboxes etc. - We fix'em right the first time!

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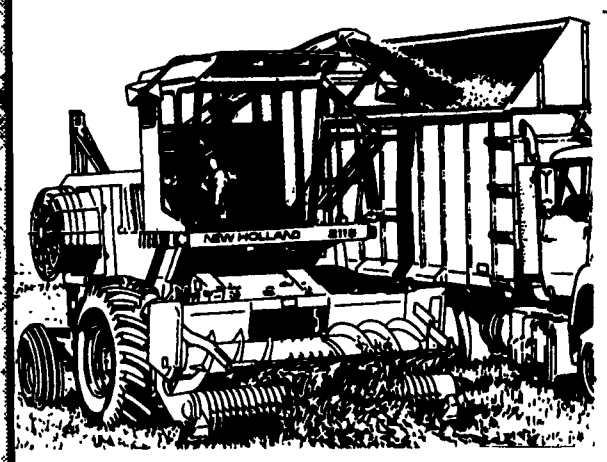

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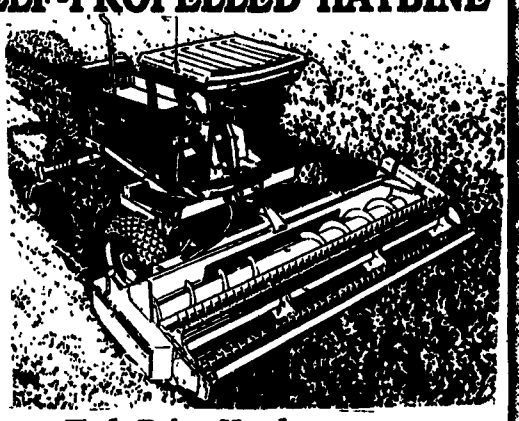
All New From The Ground Up For '94

Order Now To Assure Delivery In '94

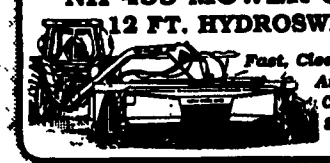


- Wide Conditioning Rolls & Bigger Tires
- New Cab
- More Horsepower
- Hyd. Drive Header
- Push Button Header Controls
- Gauge Wheels On Head
- 12', 14', 16' Heads

NH 492 HAYBINES

American #1 Seller!

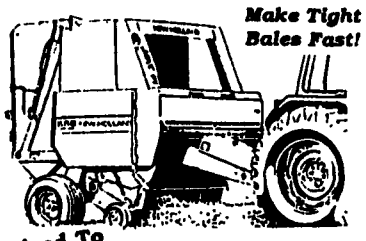
NH 499 MOWER-COND. 12 FT. HYDROSWING



Fast, Clean Cutting And Clog-Free Conditioning - See It Today!

NH 630, 640, 650, 660 RD. BALER

Make Tight Bales Fast!



Priced To "BALE-OUT" NH 660 Left Over

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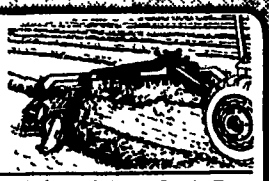
HERE IT IS!

1003 & 1037 BALE WAGONS

NH 216 UNITIZED RAKE

Rake Up To 27'



NH 411 & 415 DISC MOWER CONDITIONER

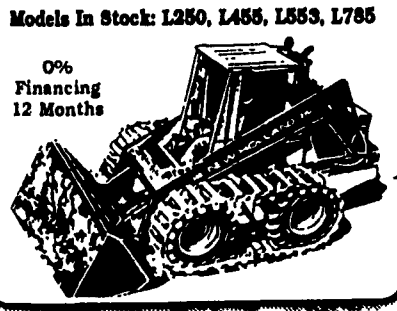
10' & 12' Cut

- 12 Ft. Demo Unit

NH SKID STEER LOADERS

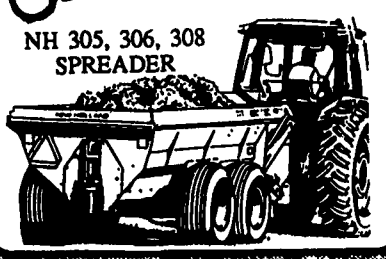
Models In Stock: L250, L455, L553, L785

0% Financing 12 Months



Looking For A Spreader? Now Is The Time To Buy!

NH 305, 306, 308 SPREADER



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7200 SERIES — 130-215 HP

IN STOCK AT '93 PRICES

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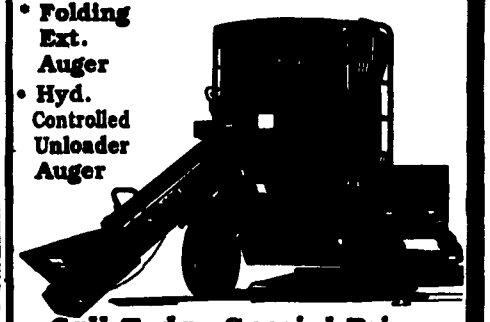

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- IH 234 Tractor - 4x4 w/Loader
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- Case IH 2096 Cab, Air, 885 Hrs.
- IH 300 Tractor
- IH 1486 Tractor w/Cab
- IH 484 Tractor w/2300 Loader
- Case IH 885 Tractor — 254 Hrs. — Like New!
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- JD 5440 SP 4x4 - Harvester/ Cab AC
- 3 Row Narrow Cornhead
- Pickup w/Gauge Wheels 3 Row Narrow Snapper Head
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- Fox 6250 Harvester, 4x4 w/3 Row Head & Pickup, 1339 Hrs. - Nice!
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- NH 890 Forage Harvester
- NH 770 Harvester w/2 Row Cornhead & Pickup
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- NH 40 Blower, 1000 RPM
- Gehl 90 High Thrower Blower
- IH 600 Blower
- Gehl 9010 Forage Box
- NH 66 Forage Box
- NH 320 Baler w/Chute
- NH 310 Baler w/Thrower
- NH 316 Baler- Like New!
- NH D1000 Big Square Baler- Like New!
- NH 852 Round Baler
- NH 851 Baler
- JD 347 Baler w/Ejector
- NH 1002 Bale Wagon
- NH 1499 Haybine, 12', Cab/ AC, 300 Hrs. — Like New
- NH 488 Haybine Used One Season
- NH 488 Haybine - Like New
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- MF Disc Mower Conditioner
- Pequea 786 Inverter
- NH 490 3 Pt. Hitch Mower
- NH Dual Rake Hitch
- NH 218 Unitized Rake, Up To 27' — Like New!
- MF 850 Combine 1163 6 Row Corn Head, 1989 — 18' Flex Head — Like New
- NH 273 Baler
- NH 276 Baler With Thrower
- NH 819 W3 Pickup
- NH 256 Hay Rake
- NH 56 Hay Rake

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- Case 1845B Skid Loader
- Case IH 1845C Skid Loader
- Case 1830 Skid Loader

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- IH 496 Rock Flex Disc Harrow — 21 Ft.
- MF 820 Rock Flex Disc — Good Cond. — 21 Ft.
- IH 37 Disc- 10'
- Brillion 10' Packer
- IH 86 Corn Planter
- (2) Brillion 5 Ft. Wing Packer
- JD 8200 Grain Drill
- Brillion 12 Ft. Cultimulcher
- Brillion 11' & 13' Cultipacker
- IH 370 Disc Harrow
- JD 1450 Adj. Width 5 Bottom Plow
- Case IH 5100 Grain Drill With Press Wheels
- MF Rake
- Brillion 27 Ft. Folding Packer
- JD FBB Drill
- IH 45 Field Cultivator 12'

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- NI 212 Top Beater
- Gehl 180 Top Beater, End Gate — Nice!
- NH 791 Spreader, Hyd. Endgate, Top Beater
- NH 307 Slurry Spreader
- Hawk Tank Spreader Model 170

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- Sauder 7 Ft. Blade
- JD 7 Ft. Blade — Like New!
- Farmco 16 Ft. Steel Rake Hay Wagon
- Kubota 366 Mower 66" Cut
- McConnel 450 Potato Harvester
- Cagle Sprayer, 500 Gals., Foam Marker Hyd Pump, Exc. Cond., 45' Boom

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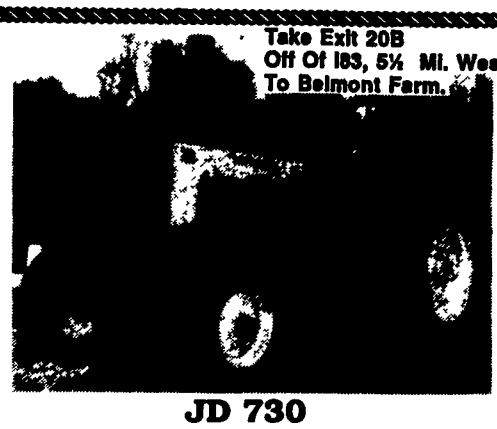

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Exceptionally Clean,
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IH 1066 TRACTOR, Cab & Air,
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JD 4650, 4WD, cab & air	JD 5020
(3) JD 4450, MFWD, power shift, sharp	JD 4520, power shift
JD 2950, 4WD w/260 loader	JD 4020, real sharp
JD 2555, 4WD, cab & air	Case IH 7110, 2WD, cab & air
JD 2550	IH 5088, cab & air
JD 2350	IH 1466 w/cab
JD 1050 w/470 hrs.	IH 966
JD 4440, cab & air	IH 684 w/2250 loader
JD 4240, cab & air	IH 84 hydro
JD 4040, cab & air	IH 656, gas
JD 2940, 4WD	IH 544, diesel
JD 2840 w/loader	IH 384, power steering, diesel
JD 2840 SOLD	IH 826
JD 2640 w/loader	IH 1486 cab & air, sharp
JD 2240	IH 595, 650 hours, like new
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JD 4230, cab & air, power shift	Ford 4000, gas
JD 4230, cab & air, quad	MF 35
JD 4030, gas	MF 231, new

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NH 785 skid steer	MF 200 diesel crawler loader, 4 in 1 bucket
Case 1835 skid steer	
Ford 1700, 4WD w/loader	

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IH consertill 10'	JD 2500 5 btm. 18" spring reset
JD 3 btm. roll over plow	JD 2500 6 btm. auto reset
JD 5 btm. on land hitch	

USED COMBINES

New JD 643 corn head

IH 844 4RW head	JD 215 flex head
244 JD corn heads	JD 213 flex head
444 JD corn heads	JD 3300, diesel, excellent
443 corn head	JD 4400, diesel

HAY EQUIPMENT

NH 852 round baler	JD 346 wire baler w/thrower
NH 472 haybine	JD 410 round baler
Gehl 1850 round baler	NH 320 baler w/kicker, like new
JD 348 wire baler w/thrower, like new	JD 327 baler w/thrower

MISCELLANEOUS

Gehl 800 recutter	JD 110 disc
JD 7000 12 roll front fold planter	JD 115 disc
Brillion 21' hyd. fold roller harrow	JD 16A flail chopper, very good
Kewanee hyd. fold 20' roller harrow, like new	Glenco soil finisher, 12'
Kewanee 21' hyd. fold disc	AC Air Champ 8 row bean planter, no till
Taylorway 25' disc	Rousseau radial arm ditch bank mower, 15' reach, like new

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DA DX 120, cab, 2WD
DA DX 130, cab, 2WD, duals
IH 656 tractor
JD 6R Cultivators
JB 500 gal. S/S tank sprayer
24' AC disc, ex. cond.
NH L35 Skid Loader
10' Perfect mower w/arm
JD 3 point rake
Kuhn Double Rotary Rake
Gehl round baler
NH 320 Baler
NH 326 baler
JD 4400 Combine w/grain heads
Tye 10' no-till drill
Haybuster 10' no-till drill
NH 1069 Balewagon - Diesel (2)
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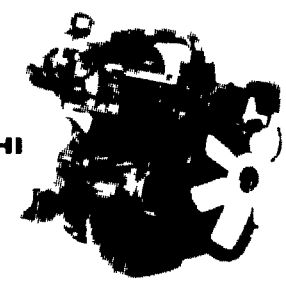

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JD 2940 SGB, 2 hyd. hi/lo, original	$15,600
JD 4040 SGB, QR, Trans, 2 Hyd	$15,500
JD 2750 hi/lo, Ind. PTO, 38" rubber	$11,600
JD 2940 hi/lo 2 hyd., ind. PTO	$11,500
JD 4030, QR trans., SGB	$11,200
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JD 4000, 1972, WF, Good Rubber, Nice..	$9,000
JD 4020 side console, WF, original	$8,900
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JD 4030, QR, 4 post 2 hyd	$8,700
Ford 7000 dies Sold owner, mint cond.	$8,200
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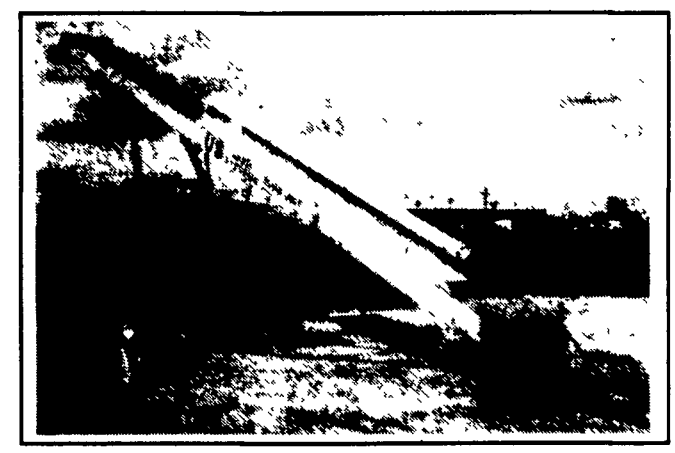

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Dresser TD7E, 6-way	$13,000
JD 350 crawler loader	$8,000
JD 450C crawler loader w/logging forks & winch	$15,000
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Komatsu D65S Crawler Loader	$10,500
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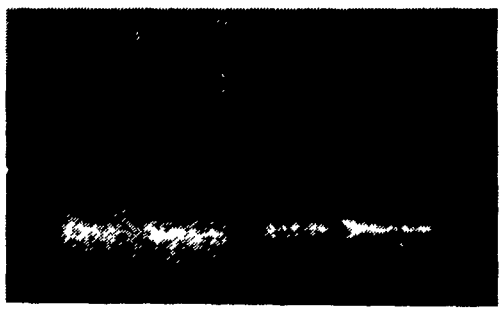

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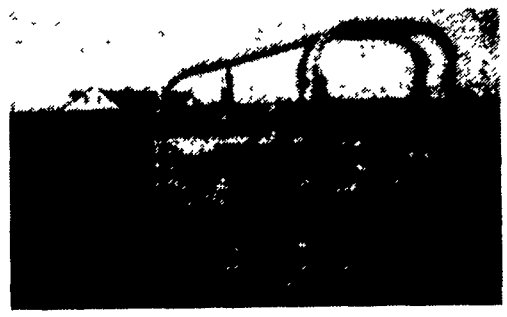

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21854	**Kubota G-2000 Blade**, 48", Front Mount, Fits G-200 Series Tractors	$150
22092	**Kubota G-2000 Blade** 48", Front Mount, M.A., Fits G-200 Series LGTS	$175
20997	**Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Cond.	$175
M0309	**Lehara F-1900 Blade** 6' Front Mt., H.D. Fits Ford 1300, 1500, 1700 & 1900 Tractors	$695
23519	**Sauder B7 Front Blade** Hyd. Lift, Hyd. Angle, Very Good shape	$395
21374	**Sauder Hydraulic Front Blade**	$275
23616	**John Deere** 3 Pt. Blade	$250

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23520	**Kubota W-5021-SC Walk Behind Mower** 5 HP, 21" Self Pro., Grass Bag, Like New	$555
23327	**Kubota RC60-B** 5' Belly Mower For B-1500 & B-1750, Very Good	$1,300
23308	**Kubota RC60-72 Mower** 60" Mower, Gear w/Clutch, Good Condition	$775
23134	**Kubota B348-7 Mower** 3 Pt. 48" Mower, Good Cond.	$795
22993	**Kubota RC-60 F-24 Mower** 5' Prt. Cut., Good Cond.	$995
22537	**Kubota RC 44-42 Mower** 44" Shaft Driven Mid-Mower For B4200 Tractors, Like New	$850
22410	**Kubota RC60-25 Mower** 5' Shaft Driven, Fits L2250-2550-Like New	$1,250
22776	**Kubota RC60-72H Mower** 5' Mid-Mt. Finish Cut For Parts	$275
22146	**Kubota RC60-82H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used	$1,500
23395	**RC-54B 54" Kubota Mid Mower** Fits B-1550 & B-1750	Coming In
T-38	**Mott Tow Behind Flail Mower** 8 HP, 38" Flail, Good Cond.	$495
23301	**JD Mid Mount Finishing Mower**, 6 Ft. Mwr 3 Blade Fits JD 850, 950, 1050	$695
15184-15185-15354	**Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1510 Tractor, New	$895
23430	**L-306-K22 Woods 6' Belly Mower** Fits Kubota L-225 and L-245 Tractors	$395
23418	**Woods C-80** Brush Cutter, 3 Pt. 80" Cut	$995
15186	**Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1710 Tractor, Brand New (Retail $1,665)	$898
23333	**Woods RM48 4' 3 Pt. Finish Mower**	$725
22608	**Woods L59-K18 Mower** 5' Mid-Mt. w/Casters, Fits Kubota L185 & 245 Tractors	$575
23512	**Ford 22-108 6' Flail Mower**	$750
23514	**King Kutter KKL-60-40 Brush Cutter** 5' Mower.	$295

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16222	**Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200)	$295
17840	**Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series	$575
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23562	**Kubota L-2850 CST Tractor** Turf Tires, 34 HP Diesel 4WD Glide Shift w/Shuttle, Q.D. Loader, Clean 400 Hrs.	$15,475
23565	**Kubota B7100 HSE Tractor** 2WD 16HP Dsl w/3 Pt. & PTO, 5' Mid Mwr, Gd Cond.	Coming In
23500	**Kubota M-4050 Tractor** 48 HP, 6 Cyl. Diesel w/Quick Dtach Loader, Low Hours	$9,995
23064	**Kubota B-6100 D.T. Tractor** 14 HP, Ag Tires, B-219 Loader & Bucket	$5,775
23141	**Kubota L3350 TEL Tractor** 40 HP, BF300 Ldr. & L4540 Backhoe, 575 Hrs	$19,975
23455	**Kubota G-1900 S Tractor** 3 Cyl. Diesel, 16 HP, 4WD, 5' Mid Mwr and Turbine Grass Catcher, Good Cond.	$4,995
23504	**Kubota KH-28 Tractor** 24" Bucket	$16,500
23381	**Ford YT16G L&G Tractor**, 16 HP w/42" Mower	$695
23220	**Ford 9N Tractor**, 23 HP, Good Cond., Good Solid Tractor	$2,575
23380	**Ford 8N Tractor** (Mechanically Good Shape)	$2,395
23312	**Ford 3400 Ind. Tractor** Includes Ford Loader, 3 Pt. & PTO	$7,875
22434	**NAA Ford Tractor** w/Loader 32 HP w/CAT I 3 Pt.	$3,675
23530	**Mitsubishi MT-372 Tractor** 15 HP, 48" Wds Mwr, Turf Tires, 348 Wds Belly Mwr, Real Gd Cond.	$3,995
23307	**Poulan** XEY114ZAR Lawn and Garden **Tractor** w/Mower and Catcher.	$825
22986	**Honda 4518 Lawn Tractor** 18 HP, Hydro Drive, 46" Mid Mower, Like New.	$3,695
23254	**JD 214 Tractor**, 12 HP 46" Mower	$1,395
23376	**JD STX 38 Lawn Tractor** Very Nice	$1,750
23255	**MTD Tractor** 18 HP, 44" Mower	$795
22920	**Simplicity 6216 Tractor** 48", 16 HP.	$1,275
22101	**Simplicity 6218 L&G Tractor** - 18 HP Twin Cyl, Variable Speed, 48" Mower	$1,460
21669	**Simplicity 5212.5 Lawn Tractor**, 12 HP, Hydro, Mower & Vac Unit.	$2,150 $1,795
21996	**Ariens Lawn Tractor**, 10 HP, 30" Cut.	$395
21955	**Snapper Comet Lawn Tractor** Rear Engine Model, 26" Mower w/Bagger	$350
23464	**Simplicity Garden Trac.** 14 HP, 44" Mwr, Elec. Lift, 42" Fr Bld, 36" Tiller, Like New	$3,950
20988	**Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive	$465
21885	**Lawn Chief 6-830 Tractor**, 8 HP, 30" Mower	$365
23435	**Cub Cadet 1620 Tractor** 16 HP 44" Mid Mower, Real Good Cond	$1,495
23268	**Cub Cadet 1000 Tractor** 10 HP, 38" Mwr and Frt S Bld, 3 Spd Trans, Good Shape	$1,195
23417	**International 544 Hydro Tractor** w/200 Ldr w/84" Bucket & 60' Manure Bucket	$6,995
23439	**Howard Price 422-3 Tractor** 22 HP 5 Ft. 60" Frt Mwr, Kubota Dsl Eng, Hydro Dr	$3,875

VAC UNITS:

21136	**Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower.	$335
18204	**Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower	$335
	Kubota Vac Unit GC-60-C to Fit RC-60 Mower w/3 Bags	$750
23183	**Trac Vac 856** Cart and Chute For RC 60 Mower	$675

MISCELLANEOUS:

23470	**Kubota Wheels and tires** B-8733 Front and B-8777 Rear	$175
	Kubota HD 4540 Backhoe w/2 Buckets, Fits Heavy L Series Kubotas, Good Cond.	$4,995
22923	**Kubota Broom F-3219** 60" Broom, Hyd. Angle, 50/50 Poly Steel Bristles	$1,450
22786	**Kubota B8705 Ag Tires** 6x12 Frt. w/Rims, Good Condition	$115
22787	**Kubota B8753 Ag Tires** 8x16 Rear, w/Rims, Good Condition	$200
22943	**J-Bar, 3 Pt. Grading Box** 6' With 5 Teeth	$375
20756	**Ford Loader Bucket**, 72", Model 19SM505S, Brand New	$550
23515	**Ford Post Hole Digger** 3 Pt. PTO, 12" Auger, Good Cond	$395
23460	**B&M Snowmobile Trailer** 6x8, Steel Floor, Good Paint	$325
20683	**Farmer's Factory Bucket**, 54", Manure Tines, Fits Ford 745 Or 545, Brand New.	$495
23337	**Brinly CC-100 Cultivator**	$100
23526	**Used Brinley** 3 Pt., 4', 4 Section Disc	$225
23527	**Garber 5' Drop Seeder**	$250
23063	**Baldwin Cutter**, 40", 3 Pt.	$425
21840	**CTI Forks** Model #60, 6000 Lb. Capacity, Like New	$695
23336	**Brinly PP-1200 Plow**, 3 Pt.	$150
22967	**Arps "90" Backhoe** 3 Pt. w/Hyd. PTO Pump And 24" Bucket	$3,395
23513	**Arps 3 pt. 6' Stone Rake**	$375
23379	**Arps 6' Stone Rake**, Good Condition	$475
23022	**Stone Rake**, 3 Pt., 7' Rake	$395
23058	**Cosmo AC42 Shredder**, 3 Pt. Chipper, Real Good Cond Used Very Little	$1,175
M1022	**Arps M394 Box Scraper** 54" Cat 1 5 Pt., Brand New, Retail $623	$425
22987	**Brillion 6LB64-01 Seeder** 64" Mower Size	$895
22729	**Jackson 36H-60 Spreader** 36" Drop-Type, Like New	$245
22349	**Homemade Trailer**, 56"x116", Tandem Axle, 15" Tires, Tailgate, 12" Sides, Spare Tire	$495
23334	**International Trailer**, 6'x8'	$350
23536	**International** 9 Ton, 3 Axle, Ramps Fold Up, New Deck and Tires	$2,750
23436	**Agri-Fab Dump Cart**, Never Used, 10 Cu. Ft.	$175
23462	**Schwartz G.T. Loader** 48" Bucket w/Mtd. Kit, Used Very Little	$1,750
23511	**Ag-Tech Pre-Seeder** 686, Good Cond.	$1,695

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Ford 1510 w/Loader & Backhoe
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Massey Ferguson 135 w/Loader
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John Deere 750 4x4 Only 300 Hrs.
John Deere 850 4x4 Low Hrs.
John Deere 855 w/Loader, Hydro Trans.
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needs some physical attention
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Kubota F2100 4x4 w/60" Front Mower
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Bobcat Ransome 60" 3 Wheel Mower
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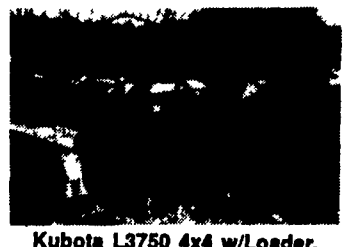
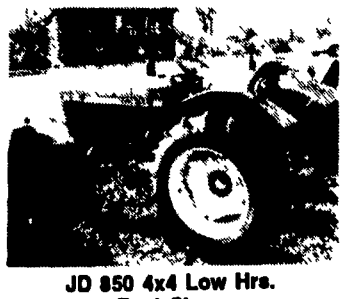


Kubota L3750 4x4 w/Loader,
1,000 Hrs.



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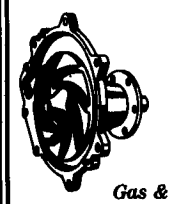

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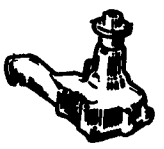

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(7) UM2411 **IH Model 1250 Grinder Mixer** With Scales, Magnet
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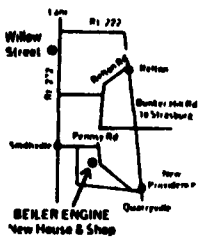

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Discount Cash & Carry Days Now Through January 8, 1994

See Dec. 18th Issue - Pages D-1 & D-11 Thru D-22

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We do appreciate your business. But most important of all, we wish you and your family a New Year filled with health and prosperity.

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Lititz, PA 17543
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1-800-IT PAYS U

After Hours Emergency Calls (717) 626-0685 (717) 626-5189 (717) 626-8788
Machinery Sales: M-F 7 to 5 Sat. 7 to 11:30 Sun. Closed - Lord's Day

PARTS

For KINZE and John Deere® Planter Row Units And New Idea Built By KINZE

Great Harvests Start Here.

Diagnostic Corn Meter

TEST CENTER

Right now! Before you plant! We can offer you the most accurate, full-service corn meter test facility around With the parts, service support and experience you need to operate efficiently Let us show you how we can test your corn meters and fine-tune your planter to ensure the kind of seed-to-soil placement and population accuracy you want for your best harvest results before you plant! ***Call today!***

FINGER PICKUP ROW UNITS	ROW UNIT SEED COUNT SENSORS	PLANTER MONITORS

Drop Them Off Or Ship Them Into Us

DON'T WAIT! Call Binkley & Hurst Bros. Now And Schedule Your Winter Repair... Save $ And Be Ready When Spring Rolls Around!

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FARM EQUIPMENT

SMITH FARM EQUIPMENT
30 Acker Rd.
Newport, Pa.
Perry County
717-567-3562

Farmall 504G
IH 666 ROPS
IH 756 D WFE 3 pt.
IH 886 D cab
IH 966 Fender
885 D, cab & air
656 Gas WFE
Ford 9N
Farmall Cub
JD 4230 w/cab & air
Oliver 1755 D WFE cab
Oliver 70
IH 37 Baler
IH 430 Baler & Thrower
NH 851 Round Baler
NH 770 Harvester
Gleaner M2 Combine
5100 Drill w/Press Wheels
IH 510 Drill
NH 304 Spreader, Like New
Woods 208 Mower
JD 316 w/Mower
Goosen 3 Pt. Bale Chopper
IH #50 Shredder
Better Bilt Manure Tank
NH 325 Skid Loader
Case 1840 Skid Loader
Yellow Devil 200 Gal. Spreader

YOU'RE INVITED TO OUR CUSTOMER APPRECIATION DAY.

JAN. 26, 1994

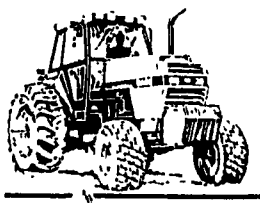
Watch For DETAILS

BE READY FOR SPRING BY CALLING BINKLEY & HURST FOR SHOP REPAIR SERVICE

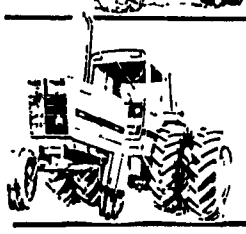
10% DISCOUNTS PART & LABOR

OR

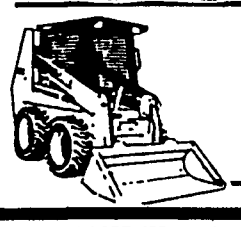
90 Days No Interest Charges



We Have Years Of Experience On Case Power Shift Rebuilding And Total Tractor Reconditioning



IH Torque Amplifier Specials... Transmission And Engine Rebuilding



We Rebuild Hydrostatic Drives On Skid Loaders... All Brands Of Skid Loader Repairs With Years Of Experience

YOU NAME IT - WE FIX IT!

To Make Sure Your Tractor Is In A1 Condition Have A Health Checkup Done By Our Certified Service Technicians On Our Dynometer - Determines HP Engine Condition AND Tests PTO & Other Conditions Such As Oil Leaks, Etc.

We Can Also Test Hydraulic Pump Performance, Etc. Other Repair Services Offered: • Pressure Washers • Hay Baler & Harvesters • Corn Planter Rebuilding • Vacuum Pumps For Manure Tankers • Construction Eq. Repairs Including Articulated Payloaders

Plus... Up-Time Service On-The Farm! Including John Deere Corn Planters

CALL FOR AN ON-THE-FARM INSPECTION OF YOUR PLANTING EQUIPMENT NOW!

For Details Call Our Service Department Now!

1-800-487-2978 or 626-4705

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FORRESTER FARM EQUIPMENT LTD.

1475 Orchard Rd. Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

NH EQUIP.
NH 640 Auto Wrap
(1) NH 650 Auto Wrap
NH 411 Discbine
NH 492 Haybine
NH 499 Haybine
NH 185 Manure Spdr.
NH 190 Manure Spdr.
NH 824 Corn Head
NH 790 Chopper
NH 900 Chopper
(2) NH 553 Skid Loaders

NEW FORD TRACTORS
Ford 5030
Ford 6640, 16x8
Ford 7840, 2WD, 24x24

FORD LAWN & GARDEN
GT 65 w/48" Deck
GT 85 w/60" Deck
GT 95 w/60" Deck
LT 12A

Located: 1 Mile Off Exit 8, On 696
North To Orchard Rd.
Hours: 8:30-5:00 Monday thru Friday
8:30-12:00 Saturdays
We Accept VISA & MasterCard
We Ship Parts UPS Daily

Int 3688 w/Cab; 3388 w/Cab; (2) 1486 w/Cab; 14466 w/Cab; 1086 w/Cab; (2) 1066 w/Cab; 986 w/Cab;966 w/cab; 966; 884; 856; 806; 806 w/Cab; 786; 784; 766 w/Cab; 706; (3) 656; 684 w/loader; 684; 560; 460;400; 84 hydro; Cub; w/mower; H.
JD 4040; 4020; 3010; 2940; 2550 4wd w/loader; JD 2440; 520; Ferguson 35; Ford 861 w/loader;AC D19; AC XT 190; 200; JD 410 Backhoe Loader; IH 300 Forklift; JD 550 dozer

TO ALL OUR CUSTOMERS
From
Leader's Farm Equipment
Everett, PA
814-652-2809

Martin Tractor

866 Greenspring Rd.
Newville, PA 17241

Used Tractors

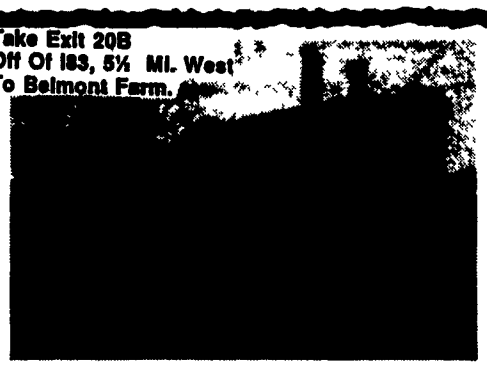
- White 4-150 $7,500 • JD 4020 $6500
- Case 1370 $7,500 • IH666 $5,500
- JD 3020 WF, $6,200 • Case DC (Foot Clutch) $950 • Ford TW10 $7,500

Used Tractor Parts

Most Makes and Models Have Large Selection

Recent Arrivals: Oliver 600; AC D14; JD 4230; AC D17; Oliver 70; JD 60; IH 560; JD 720 dsl; JD 4230; JD 2020; AC 185; JD 4030; JD 4230; JD 4320; IH 706; IH350;

Call (717) 776-7542 for detailed information
MON-FRI 8-5 SAT 8-12
No Sunday Calls Will Ship UPS
No Out-Of-State Personal Checks



JD 4010 Gas
Factory Wide Front, New Rubber
Front & Rear, Clean, Tight
Midwest Tractor
$5,250
410-833-9091

Best Buys in Used Equipment

1990 Case International 1660
Axial Flow Combine w/1020
Head- 15'- 1039 Hrs.

COMBINES & HEADS

(2) IH 1440 Combines w/15' 1020 Grain Heads
Case IH 1644 Combine w/17½ Head- Demo
IH 1440 Combine w/15' 820 Grain Head
Case IH 1640 w/1020 15' Head, 475 Hrs.
Case IH 1660 w/1020 15' Head
Case IH 1660 w/1020 16½ Head
IH 843 4 Row Corn Head- 30"
IH 820 Grain Head, 22½
IH 820 Grain Head, 16½

TRACTORS

1980 MF 245
1989 Case IH 7110, 2WD Tractor
1984 IH 5088, Duals
Case IH 9170 4WD (Low Hrs., Rental)

MISCELLANEOUS

Pixall 3 Pt. 1R Corn Harvester, Like New
Soft Hose Water Wench
Int. 475, 17½ ' Hyd. Fold Disc
MF Model 820, 20' Hyd. Fold Disc
Ford 951 Rotary Mower, 3 Pt. Hitch
5' Rotary Mower, Pull Type
IH 140 Plow 4 Bottom, 16"
Bauer Rainboy Irrigation System 1.6 ID x 400
JD 7b On-Land Plow
Case IH 5717 Chisel Plow, 17'
Lely- Roterra, 8'
White Yard Boss LGT 1655
Bolens ST110H Lawn Tractor
Lely Roterra 13'6"
IH 4 Bottom Rollover Plow, 16"
NH L-785 Skid Steer (2)
Bauer Pump Unit w/Deutz F5L413FR-500/600 GPM @ 170 PSI
Farm-Hand Dump Wagon
Car Trailer w/Tandem Axle
Case 444 Garden Tractor

HAY & FORAGE

NH 488 Haybine
NH 488 Mower Conditioner - 9 Ft.
(3) NH 268 Square Baler w/Thrower
Ford Scraper Blade

Farm-Rite inc.
Agricultural Equipment, Supplies & Services
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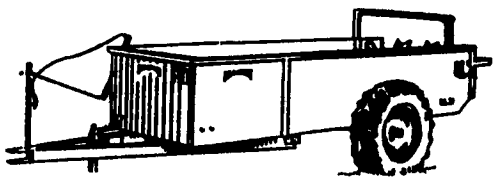
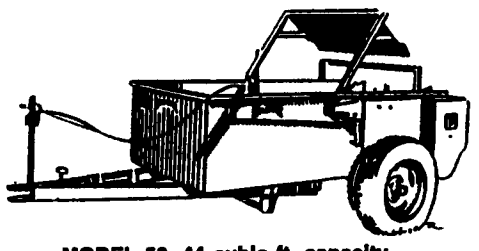
1-800-752-6373

case IH

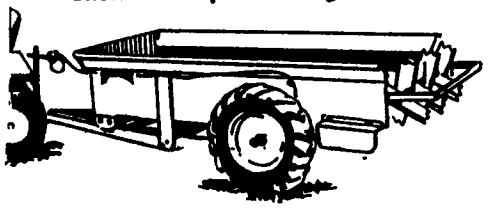
Affordable Manure Spreaders



MODEL 75, 62 cubic ft. capacity.
Operates behind 18-hp tractor.



MODEL 50, 44 cubic ft. capacity.
Shown with optional endgate.



MODEL 25, 28 cubic ft. capacity
Fits through 4-foot doors.

Hundreds of small farm operators are using an affordable Millcreek spreader to solve their manure disposal problems.

Why pay for a big spreader when a small one will do?

You have a choice of 4 sizes!
Ground drive & PTO models available

MILLCREEK
Manufacturing Co.
2617 Stumptown Rd , Dept. LF
Bird-In-Hand, PA 17505
(717) 656-3050

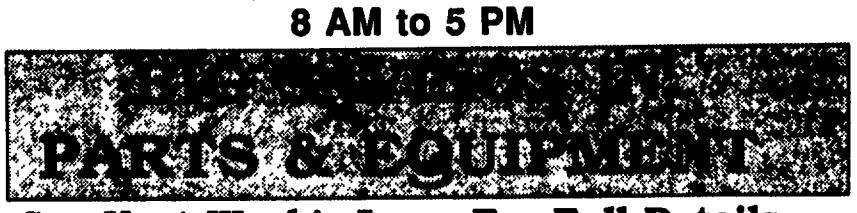
Cowan Equipment

Martinsburg, PA
814-793-4293 Day or Evening

NI 709 Uni System, 4 WD, excellent condition
Gleaner F2 Combine
IH 615 w/grain head
JD 6600 combine w/4 row head
JD 4450, cab & air, power shift, 4WD
JD 2950, cab & air, 4x4
JD 2950 w/roll guard
JD 2950, 4x4
JD 2750
JD 2550, 4x4
JD 4640, 4 post
JD 4430, power shift, roll guard
JD 4630, cab & air, powershift
JD 4430, cab & air, quad range, 1976
JD 2640
JD 2630
JD 4520 w/cab, very sharp
JD 4320 w/cab, very sharp
JD 4320, 38" rubber
JD 4230, cab & air, power shift
JD 4230, cab & air, quad range
JD 4020 power shift, dual hyd.
JD 4010 WF, excellent
JD 2510, diesel
JD 830, 2 cyl. diesel
JD 730, gas w/3 pt.
JD 530 w/fenders, 3 pt., dual hyd.
Deutz DX140, cab & air, 4WD
MF 1135, cab & air
MF 1105, cab & air
IH 4166, 4x4
IH 1586
IH 1066, hydro
IH 1066, cab & air.....$9,000
White 2-70, red stripe
White 2-155, 4WD
AC 200 w/cab
NI 325 corn picker, 12 roll bed
NI 325 corn picker, 8 roll bed
NI 324 wide row picker
Miller 14' offset disc
Axle mount duals for IH 38"
Roll guard for 2950..... $650
Turbo charger for a 4230

COMING... CUSTOMER APPRECIATION DAYS SALE

MON., JAN. 17th THROUGH
FRI., JAN. 21st, 1994
8 AM to 5 PM



See Next Week's Issue For Full Details

MASSEY-FERGUSON

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St., Richland, PA 17087
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Sat. 7:00 AM to 12:00 Noon

WE SHIP UPS DAILY

Brillion
TILLAGE EQUIPMENT

Harley
LANDSCAPE POWER RAKE

From all of us... Have a Safe and Happy New Year

USED TRACTORS

0% Interest Til May 1, 1994

JD 2555 65-HP, TSS, SGB,
1510 Hrs.....$27,500

JD 2955 85-HP,
16 Speed, 450 Hours.....$26,900

JD 4040 100-HP,
New Engine, Cab, Quad.....$25,900

JD 4455 140-HP,
Power Shift, SGB, 1050 Hrs.....$51,000

JD 4455 140-HP,
Power Shift, SGB, 900 Hrs.....$53,500

MISCELLANEOUS USED EQUIPMENT

IHC 175 SOLD er.....$ 750

NI 362 Spread SOLD
220-Bu.....$ 3,950

JD 450 Spreader,
250-Bu., Hydra-Push.....$ 3,950

JD 780 Spreader,
400-Bu., Hydra-Push.....$ 7,950

IHC 53, 6R 30 Cultivator.....$ 900

Brillion 15-Ft.
Flail Shredder.....$ 5,750

JD 65 Rear Blade, 7-Ft.....$ 425

Little Giant Bale Elevator.....$ 1,150

USED PLANTING EQUIPMENT

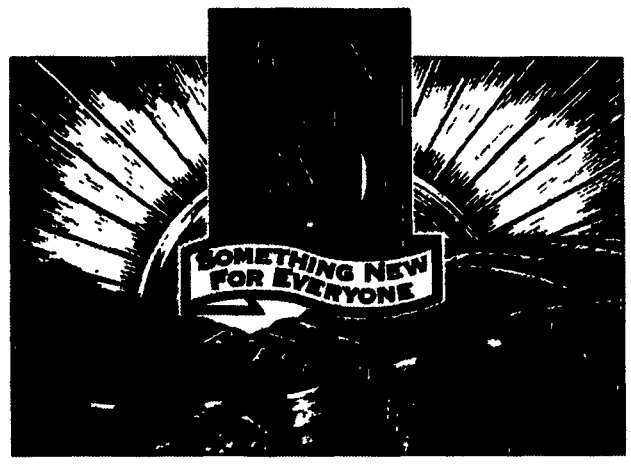
0% Interest Til April 1, 1994

IH 800 Planter, 6R 30",
No-Til Coulters.....$ 2,650

JD 7000 Planter, 6R 30" Cons.,
Liquid Fertilizer, Monitor.....$ 8,850

JD 8250 Drill, 14 x 7 Single Disk.....$ 3,250

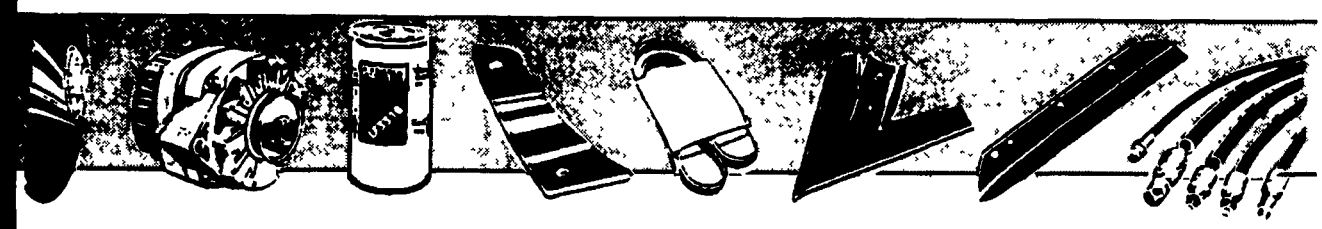
JD 8300 Drill, 18 x 7 Double Disk...$ 4,850



COME SEE WHAT'S NEW UNDER THE SUN

Make plans now to attend John Deere Day '94. You'll see the brightest ideas in technology and new John Deere equipment designed for the way you farm.

Date: Thursday, January 13
Time: 9 AM-3 PM
Lunch Served at Noon
Place: Farm & Home Center
Arcadia Road



These parts fit all colors— and we have them

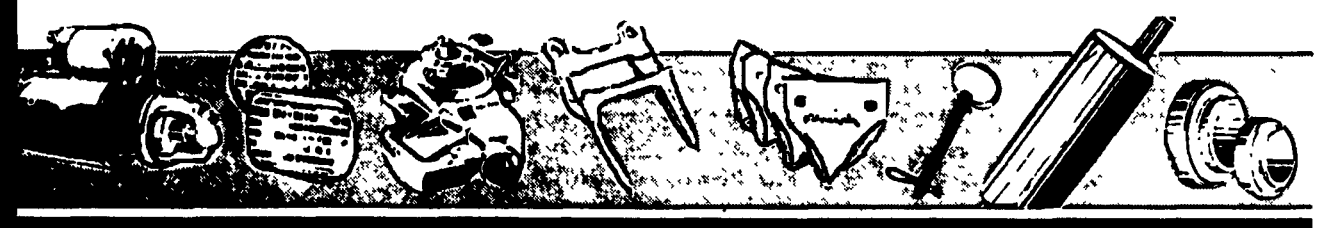
We know you use more than one brand of equipment on your farm. And we know all equipment occasionally needs repair parts. So you need a competitively priced, central parts-supply source. That's why John Deere Match Plus parts were developed. They MATCH other brands of equipment PLUS provide a warranty backed by the best known name in the country—John Deere.

MATCH PLUS

Convenience is what it means to you. We can supply nearly all of your parts needs...from bearings for Hesston hay equipment to knife sections for Case IH combines, blades for AMCO disks, shares for Oliver plows, filters for Ford tractors, points for Wil-Rich chisels...and many, many more. And Match Plus parts are priced right in line with what you'd pay at discount parts stores or other dealerships.

Whatever color of equipment you use, see us for economical Match Plus repair parts.

No one matches our brand



Landis Bros., Inc.

1305 Manheim Pike, Lancaster, PA 17601
(Located S. Of Rts. 30 And 283 On PA 72)

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WANTED Steel Leg Hold Traps Call After 9PM (201)447-0946

WANTED TO BUY Farm Tractors in need of repair, fire damaged, bad engine, transmission, rears, etc (215)965-5692

WANTED Cab to fit 856 Farmall 1256, 1456, 450 tractor 3pt, 3 bottom automatic reset plow Must be good After 8pm, (814)425 7336

WELDER LINCOLN w/271 Detroit, on whls, 1,300 amp, $1,200 410-833-9091

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts Franklin Co 717-263-0573 If no answer 717-597-8896

WHEEL LOADER CAT 950, 81J 12000 Series, 1978 w/cab, 1 owner, $32,000 410-833-9091

WHEEL LOADER JD 644B, ready to work, $19,000 410-833-9091

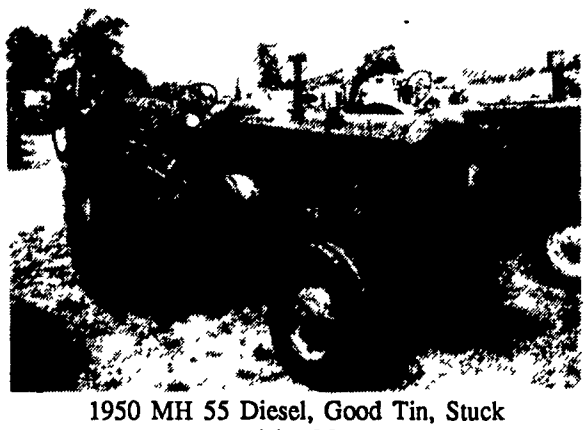
WHEEL LOADER CAT 910, 1974, ready for work, $13,000 410-833-9091

WHEEL LOADER TROJAN 164, Detroit power, runs well, $3,600. 410-833-9091

WOODS MOWERS, Used 121 & 208, field ready, $2,000 410-833-9091

WOOD SPLITTER, 3 pt, vertical w/Cat cylinder, new w/warranty, $700. 410-833-9091

INVESTMENT TRACTORS FOR SALE



1950 MH 55 Diesel, Good Tin, Stuck
$1,500

56 Ferg 35 New (0 Hours) Not Redone- Brand New!!!	$24,500
IH 1468 Cab- Weights- PTO- 3 Pt.- Clean	Coming In
75 IH 1568 Cab- Fair Runner	$5,900
54 IH S-H Last Year Super H In Restorable Condition	$1,700
57 JD 320S 3 Pt.- Clean Original- Above Average	$6,900
57 JD 320U Clean 1 Owner- Fair Repaint- Easy Restore	$6,500
59 JD 330S Runs Good- Nicely Redone- Good Tag	$10,500
56 JD 420HC High Crop- Runs- Needs Restored	$3,300
60 JD 430W Factory PS- 5 Speed- Runs Good- Last Year	$3,900
60 JD 530 3 Pt- Power Steering- New Frt Tires- Redone	$4,900
57 JD 620 Try- 3 Pt.- Decent Tin- Rare All Fuel-	$3,500
57 JD 620S Standard- Nicely Redone- Well Above Average	$5,900
58 JD 720 Pony- WF- 3 Pt.- Runs OK- Nicely Redone	$5,100
57 JD 720S Pony- Standard- Good Tin- Stuck	$2,150
59 JD 730 DE- WF- 3 Pt- Fenders- Good Tin- Runs Fair	$3,900
59 JD 730S Pony- Standard- Nicely Redone	$5,900
55 JD 80 Off Farm Condition- Fair Tires- Good Tin	$4,600
57 JD 820 Pony- PTO- Needs Restored- As Is	$2,500
58 JD 820 Runs- No Pony- Poor Tires- Fair To Gd Tin	$2,900
58 JD 820 Pony- PTO- Clean Untouched Tractor	$4,900
59 JD 830 Pony- Poor Tires- Good Tin- Runs	$5,300
59 JD 830 PTO- 2 Remotes- Overhauled Engine- Redone	$8,500
59 JD 830 DE- Overhauled- 80% Tires- Good Tin Redone	$8,900
36 JD A Unstyled- Runs Good- Easy Restore- Good Tin	$2,700
35 JD A Unstyled- Good Tires & Tin- Decent Paint	$3,100
37 JD A Unstyled- Factory Steel- Runs Good	$3,200
36 JD A Unstyled- Factory Round- Runs Good	$3,500
51 JD AR Styled- Nicely Painted- New Rear Tires	$4,900
50 JD AW WF- Fenders- Clean- $2000 Engine Work Done	$3,900
50? JD B Cyclone w/Cult- Good Rubber- As Traded	$1,550
38 JD B Unstyled- New Paint- Spokes- Runs Good	$3,200
37 JD B Unstyled- New Rear Tires- Decent Paint	$3,500
37 JD B Unstyled- Spokes- Nicely Redone- GD Tin	$4,200
41 JD D Styled- Hand Start- Good Tin- Decent	$2,700
49 JD D Styled- Runs- As Received	$2,700
39 JD D Styled- PTO- Front Spokes- Decent	$2,700
49 JD D Styled- Runs- As Received	$2,500
50 JD G Try- Decent Tin- Runs Good- Needs Paint	$2,700
51 JD G Runs- As Received	$2,900
48 JD G Good Tin- Runs Good- New Tires- Nicely Redone	$4,650
38 JD G Unstyled- Good Tires- Good Tin- Runs Good	$5,200
41 JD G Unstyled- Last Full Year Of Prod.- Nice Unit	$5,300
51 JD GW WF	Coming In
50 JD M Good Tires- Fair Tin- Runs Good- To Restore	$1,400
49 JD MT Fenders- Weights- Fair Tin- To Restore- Runs	$1,600
50 JD MT Widefront- Runs- To Restore	$1,800
52 JD R	Coming In
54 JD R Last Year- Good Tin- PTO- Hydraulics- Stuck	$2,400
53 JD R Runs- Needs Restored	$2,800
51 JD R Overhauled- Good Tin- Repainted- Good Cond.	$4,900
63 MF 97 4x4- Cab- Runs- Good Tires- Good Tin	$4,900
61 MF 98 GM Diesel- Runs Good- Thin Paint	$4,800
60 MF 98 GM Diesel- Runs Good- Nicely Redone	$5,900
50 MH 55 Diesel- Standard- Good Tin- Stuck	$1,500
52 MH 55 Diesel- Standard- PS- PTO- Good Tin- Stuck	$1,700
53 OL 66 Widefront- Fenders- Nice Tin- 2 Remotes	$1,800
57 OL 880 Diesel- Standard- New Tires- Very Nice	$4,900
60 OL 990 GM Dsl- Poor Tires- Good Tin- Runs Good	$4,900

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Lots Of Older Sales Literature, Toys And Pedal Tractors For Sale.
Lots Of Owners Manuals/Parts Book — Call.

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JCB Forklift
4x4 Diesel, 6000 Lb. Capacity, 21' Mast, 300 Hrs.
$21,300
LTM Equipment Co.
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Gets the job done for half the price.

Belarus

Make Your Field Work Easier With A New Belarus Tractor
Available in 31 hp up to 336 hp.
1 year manufacturers warranty

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Hours Mon-Fri 8 to 5 Sat 8 to 12

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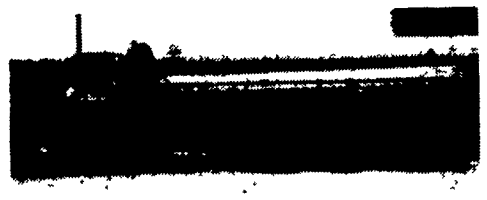
717-369-2637



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½" Through 12" Wholesale or Retail
Custom Manufacturing Cut to Your Size
No Job Too Large Or Too Small

Belarus

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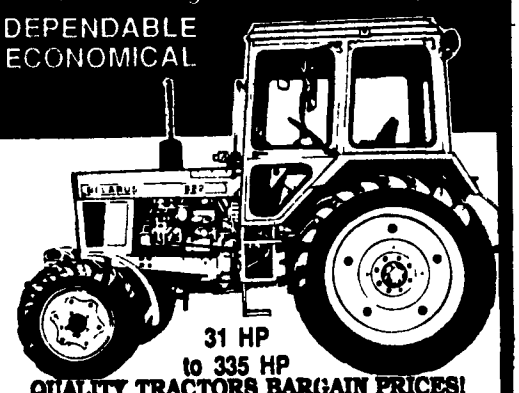
Outstanding Parts Availability
DEPENDABLE ECONOMICAL



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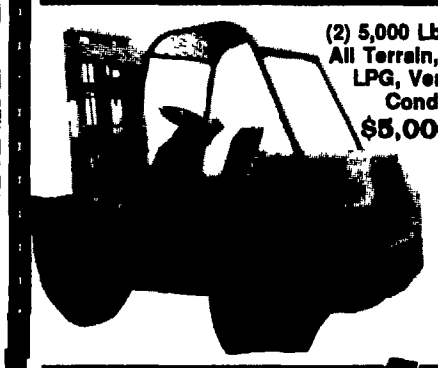

(2) 5,000 Lb. Champ's All Terrain, S/S, Gas, LPG, Very Good Condition
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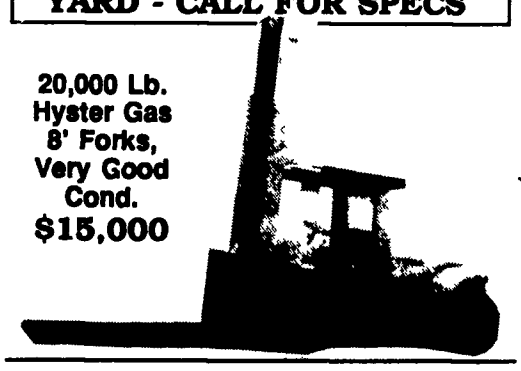

20,000 Lb. Hyster Gas 8' Forks, Very Good Cond.
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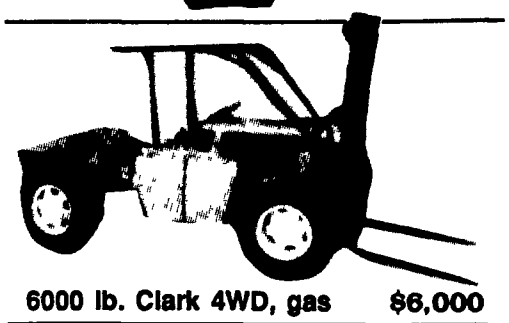
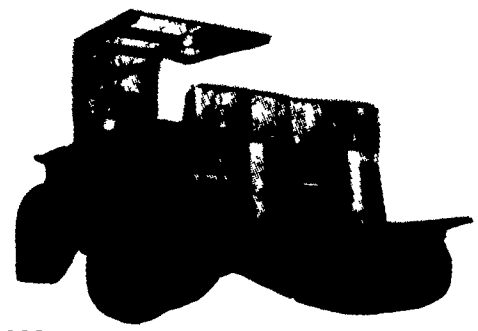
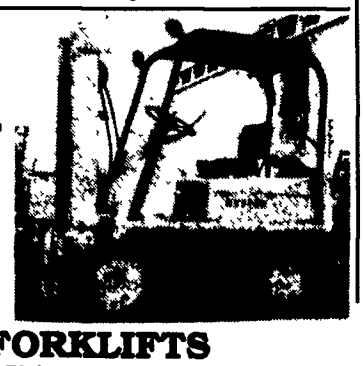


6000 lb. Clark 4WD, gas $6,000



6000 lb. 4 WD forklift, 453 Detroit Diesel $10,000



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5,000 Lb. Hyster Pneumatic Gas, Good Cond.	$5,000
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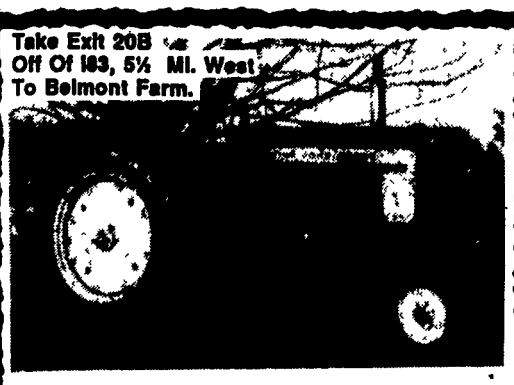

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- NH 489 Haybine
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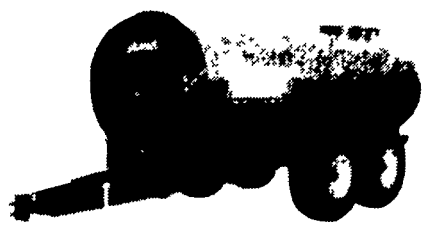

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- NH 499 Haybine
- JD Round Bale Grapple
- Vicon Mower Conditioner
- Gehl Forage Wagon
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- NH #8 Forage Wagon
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- 643 Bobcat
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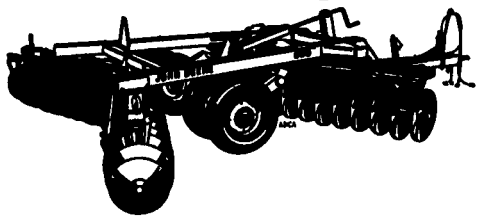

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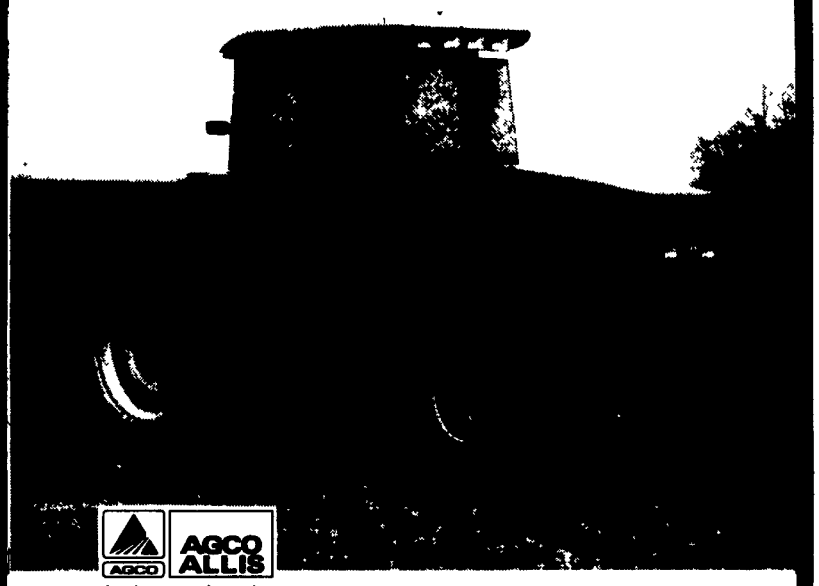

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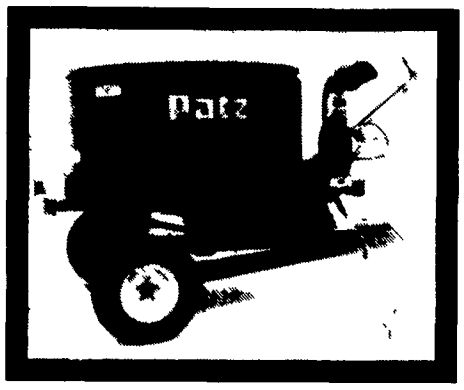

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IH 1460	JD 6600
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768 3RWN	844N
744N	740FH
815 Flex	843N
813 Flex	766 PU
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741 FH	727 Husker

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NI 354	NI 243
NI 353	NI 224
NI 384V	NI 244
NH 302V	Martin 1263V
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NH 791	IH 560
Badger 338 Tank Tank w/Injectors	

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NH 411 Disc-Bine
Gehl 2330 Disc-Bine
Ford 535-9' Windrower
NH 479-9' Windrower
Hesston 1150 12' Windrower
NH 1495 S.P. 12' Windrower
NH 1469 S.P. 9' Windrower
NI 5112-12' Windrower
OMC 235-12' Windrower
JD 640 Rake
MF 200 F-Harvester
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MISCELLANEOUS

IH 45 Field Cultivator 12½'
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Badger 103 Man-Pump
NI 223 Man-Pump
Hardi 500 Sprayer
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McCurdy Bin Wagon
Papec 870 G-Mixer
D-L 10' Cultimulcher
Brillion 14' Packer
6x51' Auger Transp.
Winpower 30/20 Gen.

PLOWS

IH 720-6x18	IH 710-5x18
IH 730-5	IH 710-3x16
IH 311-3x14	JD 325-3x16
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(1) Case IH 12 Ft. Vibra Shank Harrow
(1) New Idea 5 Ft. Disk Mower
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489 NH Haybine, Good Condition
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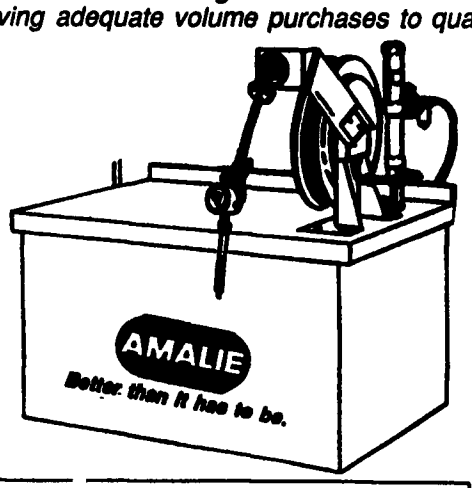
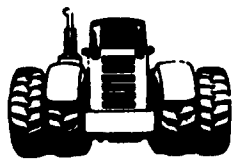
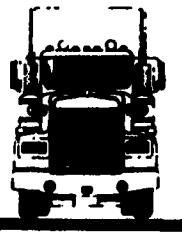


Farmers...



Truckers...



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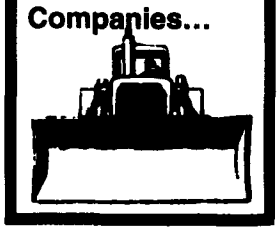

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Ford 5000 dsl, 8 speed w/dual remotes, 38" tires & weights
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JD 4430, cab, air, power shift, 2 remotes, 18x38 tires, 3600 hours
JD 4240, cab, air, quad, weights, radials, 4x4, very nice
JD 4020 dsl., power shift, side console, 1971 model
JD 4020 side console syncro range, 2 remotes, front weights, nice Hiniker cab, clean & sharp
JD 4020 diesel, syncro range, side console, no cab, 4700 original hours, excellent
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IH 986, 1981, cab, air, 20.8x38 tires, 3300 hours
IH 886, 1981, cab, air, digital, front & rear weights, dual remotes, excellent
IH 786D 1980 w/358 German engine, dual remotes, fender tractor, good condition
AC 7040, cab, air, weights, 20.8x38 tires, 20 spd. power director, very nice
White 2-105, cab & air, 2700 hours, very nice
White 2-135, 4WD, cab, air, digital, deluxe interior, 2 PTO's, 2800 hrs.
MF 285, multipower, dual remotes, dual PTO's, wet brakes, excellent cond.

USED FORAGE EQUIPMENT

NH 36 Flail Chopper
NH 782, electric controls, heavy duty 540 PTO, new paint, ready to go
Gehl 1260, fully equipped with all the options, choice of heads, very nice
Gehl 970, 3 beater w/roof, Gehl tandem, very nice
Gehl 970 wagon, 3 beater tandem, no roof, like new
Gehl CB800, electric controls, 2 RN, hay pickup
FNH 790, electric controls, late model heads, very nice
JD 716A, 3 beater w/roof, tandem axle wagon, excellent
JD 3950, electric controls, hyd. tongue, 2RN corn, 5' dolly wheel pickup head, excellent
Gehl 1250, tandem axle, electric controls, 2 or 3 RN, 7' pickup, nice condition
Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition (Lamco)

USED PLANTERS AND DRILLS

IH 510 16x7 DD, seed & grass seed, very nice
Brillion SS10 Sure seeder w/transport wheels & acre meter
JD 7000 4R conservation, monitor, dry fert. & insecticide boxes
JD 1240, 4R plateless, disc openers, monitor, must be seen to be appreciated
JD 7000, 6R conservation planter, fully equipped, good condition
JD 7000, 4RW planter, insecticide boxes and monitor, very nice
JD 7000 4RN, dry, plateless, insecticide boxes

USED PLOWS AND CHISELS

White 508 4x18 cushion trip w/spring loaded coulters
White 598, 4 or 5 botom, variable widths, spring automatic, excellent condition
Case IH 720 5 or 6x18 spring auto, excellent
Glenco 9 tooth soil saver, very good condition

Ford NH 555 skid steer, late model, low hours,
Kubota dsl., boom hyd., very nice
Choice of 2

USED DISCS AND HARROWS

Pittsburgh 20' transport spring tooth harrow, used very little
Oliver 252 10' finishing disc, dual wheels, very nice
Brillion 10' double packer
JD 16' transport type spring tooth harrow, good condition
IH 133 4R cultivator w/rolling shields, excellent
McConnell 16' transport spring tooth harrow
Kewanee 12' rock flex finishing disc, very nice
White 253 12' finishing disc w/tandem wheels, very nice
Brillion 12' roller harrow, excellent
Brillion 10' packer w/4" axle, very nice
White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED HAY EQUIPMENT

NH 258 rake w/rubber teeth
NH 258 rake w/dolly wheel
NH 316 w/#70 thrower, excellent
NH 847 round baler
NH 276 baler w/thrower, electric controls, cylinders & hoses, very nice
NH 489 haybine, stub guards, excellent, 2 to choose from

USED HARVESTER HEADS

JD 2RW w/clutch
NH 824 2R corn
Gehl 6' pickup w/dolly wheels
FNH 790 hay head, like new
FNH 900 hay head, like new
NH 3 RN Auger base package w/8' pickup

MISCELLANEOUS

Ford 727 loader, fits 4000-7000 series tractors
Used 18.4x34 snap-on duals
JD 300 picker/husker w/2RN head

MF 1135 cab, A/C, heater. MF 750 combine w/4RW head. IH 6R, 30" cyclo 600. Hutch Master 13' HD offset disc. Woods 15' cutter w/ hydraulic fold-up sides. Kukar 500 gallon sprayer covers 18 30" rows; 51' 8" auger w/10hp motor. 61' 8" auger w/10hp motor. 34' 6" auger w/5hp motor 20.8x38 duals. 2 airifying fans Radsin moisture tester. 1975 C65 Chevy tandem axle grain truck, 56,000 GVW, 64,000 miles. Retiring from farming, all equipment listed is 1 owner and in excellent condition. Call (717)742-7039

MF 1155 fender, runs & operates well-no joke, $4,200. 410-833-9091

MF 850 combine, 2,100 hrs., shed kept, 1859 flex and 1164 corn heads, excellent condition. Best offer. (301)694-8624.

MH 44sp, all rebuilt; MH 30 rebuilt. 410/778-3243 evenings.

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TRACTORS

IH 4568
Case 2290
Case IH 385 w/Loader
Case IH 9150
Case IH 9270
Case 4894
Case 1835D Skid Steer
ST 325
ST 251
ST Panther II
JD 8650
JD 4230
* JD 4560- Duals, 300 Hrs.
White 2-180
JD 4840
MF 699 w/Loader

DISCS

IH 770, 20' Offset
KR 4918, 27'
KR 1927, 25'
KR 2413
KR 4926A, 22'6"
KR 2440 29'
KR 4907 25'
KR 1577, 6'x8"
JD 220, 18'
SF H3-22'

COMBINES

(2) Case IH 1680
Case IH 1640
Case IH 1480
IH 1440
(3) IH 1460
(2) IH 1480
JD 9500
(2) JD 6620
(2) JD 8820
NH TR 85
NH TR 86
AC M Combine
AC N6 Combine

PLOWS

Athens 12' Chisel Plow
Case 400 Plow, 8x18
Case IH 720 Plow, 6x18 Auto-Reset
SF 21' Chisel Plow
JD 450, 6x16
SF HB 30' Chisel Plow
Brady 12' Chisel Plow
JD 2800 7 Bottom Vari Width
JD 2700 7x18 OL
ST 2211 14' Slicer Chisel

MISC. TILLAGE

UM 37' Dbl. Rolling Basket
IH 315 Cultimulcher
DL 26 CF Packer
DL 34' CF Packer
BR 19' Packer
IH #14 Subsoiler
DMI Tiger II 7 Shank Subsoiler
JD 910 Subsoiler

DRILLS

GP 30' Conventional Drill
GP 24' Conventional Drill
(2) GP 15' Drill, No-Till
GP 20' Drill, No-Till
IH 510 Drill 21x7
IH 5100 Drill, 21x7 w/Cultiplanter
Case IH 5100 Drill 24x6
JD 8300 w/Cultiplanter
(3) JD 8300 Drill, 18x7, 26x6, 21x7
JD 750 Drill, 15 Ft.
JD 530 Drill, 30

MISCELLANEOUS

Schulte 5026 Rotary Cutter 26'
JD 1065A Header Cart
Kennco PS414 2 Row Plant Setter
Kennco PS200 Plastic Layer
Kennco SM230 Sprayer
(2) JD 7200 Planter 16x30
AC 666 Planter
KR 3131 Landsman
KR 4129 38' Field Cultivator
BR 8RN Field Cultivator
Wilrich 25' Field Cultivator
Case IH 8580 Baler
Case IH 8730 Forage Harvester
IH 56 Blower

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YEAR-END USED EQUIPMENT SALE

USED COMBINES

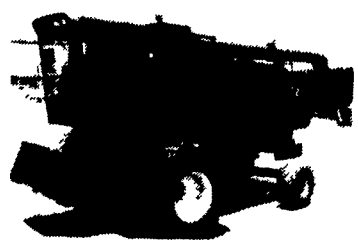
CIH 1660, 1987, 2180 Hrs., 2 WD, Hydro w/AHC, Cab w/AC, Heat, Radio, 30.5x32 (U7501)

CIH 1660, 2 WD, Hydro, 1390 Hrs., AHHC, Rocktrap, GL Monitor, Cab w/AC, Heat, Radio (U7945)

CIH 1660, 1987, 1510 Hrs., 2 WD, AHHC, Feeder-Reverser, Cab w/AC, Heat, Radio, Standard Rotor (U8153)

CIH 1660, 1987, 1800 Hrs., Chopper Feeder-Reverser, Standard Rotor, Cab w/AC, Heat, Radio (U8102)

CIH 1640, 1988, 1079 Hrs., 28Lx26 and 12.4x16 Tires, Rocktrap, Auto Control Monitor (U7680)



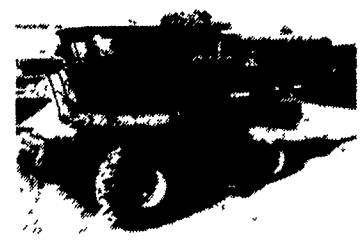
CIH 1680, 1989, 1100 Hrs., 30.5x32 & 18.4x16.1 w/AHC, Feeder-Reverser, GL Monitor, Specialty Rotor, 2 WD (U7550)

CIH 1660, 1991, 1300 Hrs., 2WD, AHHC, G.L. Monitor, Straw Chopper, Speciality Rotor, 30.5x32 and 14.9x24 Tires (U8331)

IH 1460, 1978, 4802 Hrs. 24.5x42 and 11.00x16 Tires, AHHC (U7210)

IH 1460, 1980, 3563 Hrs., 28Lx26 and 18.4x16.1 Tires, AHHC (U8232)

IH 1480, 1983, 3265 Hrs., 65.5x32 and 14Lx16.1 Tires, AHHC, Hyd. Reel Fore & Aft, 3rd Cylinder, Strawchopper (U8113)



JD 6620, 1981 3180 Hrs., Hydro, 28Lx26 w/215 Platform (U7343)

IH 1480, 1980, 4350 Hrs., 30.5x32 and 18.4x16.1 Tires, Feeder-Reverser, GL Monitor, AHHC, 3rd Cylinder (U8151)

IH 915, Diesel, Hydro, Cab w/Air (U7477)

IH 1460, 1982, 2850 Hrs., 4WD, Hydro Cab w/AC, Heat, Radio, AHHC, 30.5x32 & 14.9x24 (U7598)

IH 1460, 1983, 2900 Hrs., Hydro, AHHC, GL Monitor, Cab w/Air, Heat & Radio (U8159)

IH 1440 1978, 2 WD, Hydro, 23.1x26 & 18.4x16.1 Cab w/AC, Heat & Radio w/AHHC (U7068)

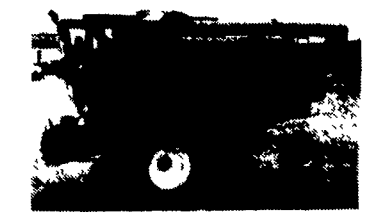
IH 1460, 1983, 1969 Hrs., Hydro, AHHC, GL Monitor, Specialty Rotor (U8408)

JD 6620 Sidehill, 1981, AHHC, Chopper, HD Axle, Cab w/AC, Heat w/643 & 915 Heads (U8399)

JD 6600 Sidehill, 2135 Hrs., AHHC Cab w/AC, Heat, 4 Row Wide Cornhead, 213 Platform (U8347)

JD 6600 Sidehill, Hydro, 28Lx26 w/215 Flex Platform & 643 Cornhead (U7474)

CIH 1660, 1989, w/Strawchopper, Stone Retarder Drum, AHHC, Feeder-Reverser, 30.5Lx32 & 18.4x16.1 (U7693)



IH 1480, 1983, 2WD, 3265 Hrs., 65.5x32 Flow Grip and 14Lx16.1 Tires, AHHC, Hyd. Reel Fore & Aft, 3rd Cylinder, Strawchopper (U8113)

SPECIAL
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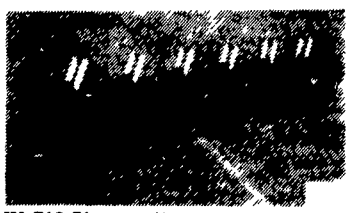
...6 Months Interest Waiver PLUS

8.9% For 42 Months

Conditions:

1. Order A Used Combine From Hoober's During Our YEAR-END USED EQUIPMENT SALE
2. Buyers Must QUALIFY for CASE CREDIT
3. Settle By December 31, 1993

USED MOLDBOARD PLOWS



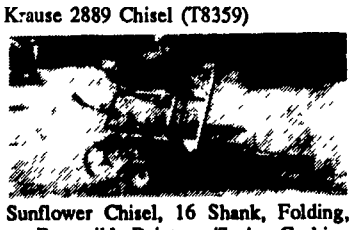
IH 710 Plow 6-18", Auto Reset, Semi Mounted (T6813)

JD 2500 Plow, 7x18" Bottoms, Auto Reset Coulters (T6320)

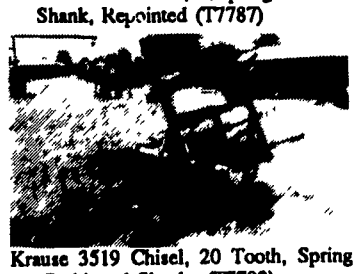
IH 710 Plow, 4-18" Semi-Mounted, Good Condition (T7512)

USED CHISEL PLOWS

Krause 2889 Chisel (T8359)



Sunflower Chisel, 16 Shank, Folding, Reversible Points, w/Spring Cushion Shank, Repointed (T7787)



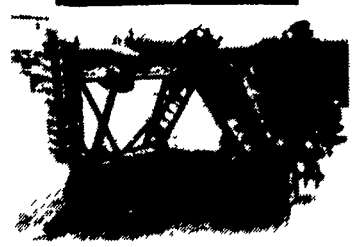
Krause 3519 Chisel, 20 Tooth, Spring Cushioned Shanks (T7702)

Chem Farms CPK 180 Chisel Plow, 17' Folding Hi-Clearance Spring Cushion Shanks (T7134)

IH 55 Chisel, 10 Tooth, 10'5" Spacing, C Shank, Spring rip (T7329)

USED DISCS

JD 220, 22' Center Fold, 18" Blades, Rubber Good (T7745)

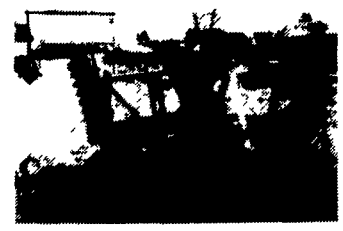


Krause 1966 Disc, 31' Cut, "Rockflex", New 22 ¼ " Notched Blades (T7234)

Krause 1577A Disc, 18'9" Spacing Front & Rear, 22" Blades Front & Rear, "Rockflex" (T7076)

Krause 1924 "Rockflex" Disc, 19" Blades, 9" Spacing, Regreasable Bearings (T7866)

Rhino 18' Disc - "Rockflex", 18" & 19" Blades, Hyd. Wingfold (T7749)

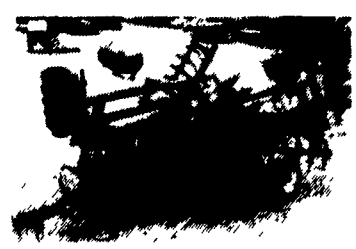


Krause 2413 D8sc (T8433)

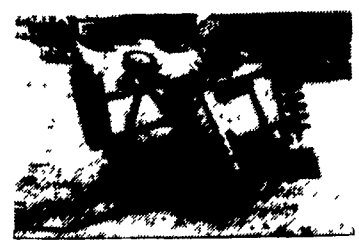
Krausew 4926 Disc, Rockflex, w/ Scrapers, 9" Spacing (T7653)

IH 510 Disc, 16'10" Spacing, 22" Blades (T7542)

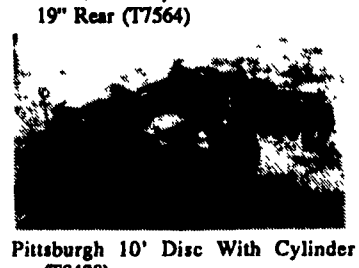
Krause 1450 Disc 24" Blades, 10'8" Cut (T7719)



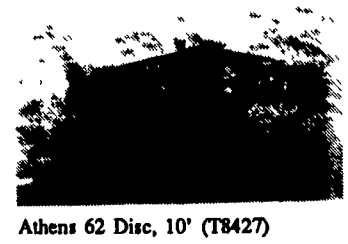
Krause 4921 Disc, 18" Blades Front & 19" Rear (T7564)



Krause 1927 Disc (T7936)



Pittsburgh 10' Disc With Cylinder (T8428)



Athens 62 Disc, 10' (T8427)

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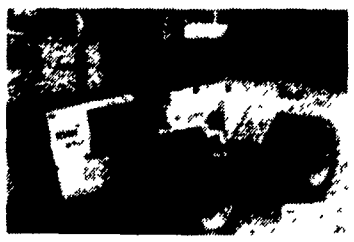
USED TRACTORS & UNLOADERS

Over 200 HP

Case 2670 - 3 Spd. Powershift, 3 Pt. Hitch, 1000 PTO, Cab w/AC & Heat Over 200 HP (W7620)

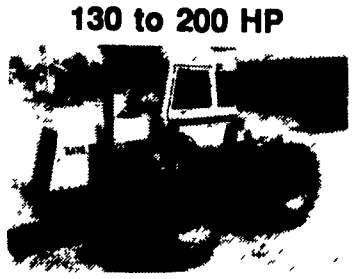
CIH 4894, 1985, 1700 Hrs., 1000 PTO, 3 Pt. Hitch, 20.8x38 & Duals, Cab w/AC, Heat, Radio (W7617)

JD 8650, Dual New 20.8x38, 3 Pt., 1000 PTO, Quad Range, 3 Rem., Cab, Air, Heat, 3200 HP, (W7671)

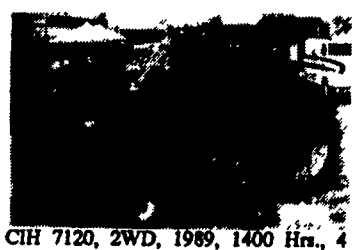


Steiger ST225, 4WD, 4 Hyd. Valves, 10.8x34 Tires, Clamp-On Duals, Cab w/AC, Heat & Radio, Warranty, 270 HP, CAT Engine (W7109)

130 to 200 HP



Case 2470 Diesel, 4WD, 20.8x34, 1000 RPM PTO, 3 Pt. Hitch (W7837)



CIH 7120, 2WD, 1989, 1400 Hrs., 4 Spd., Reverse, 14Lx16.1 & 20.8x38, 12 Wts., Deluxe Cab, Toolbox (W7547)

IH 5288, 1983, 4WD, 3 Hyd. Valves, 1000 PTO, 16.9x28 and 18.4x42 Tires, w/Duals, Cab w/AC, Heat, Radio (W8315)

80 to 130 HP

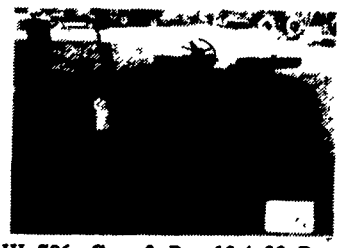
IH 1066, Hydro, 2WD, 3 Pt. Hitch, Dual PTO, 18.4x38 & 16.9x28 (W7678)

IH 886, 2 WD, WFE, 3 Pt. Hitch, Dual PTO, 20.8x34 Rear, Cab w/AC, Heat Radio (W7722)

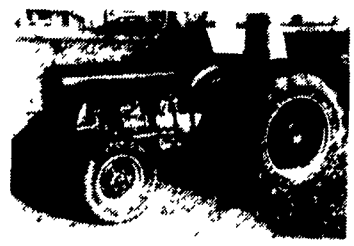
Case 2290, PS, Dual PTO, 3 Rem., 18.4x38 Rear, Cab w/AC, Radio (W8268)

MF 699, ROPS, 540 PTO, 14.9x24 & 18.4x34, Rear Wheel Weights, w/238 Loader & 84" Bucket (W7968)

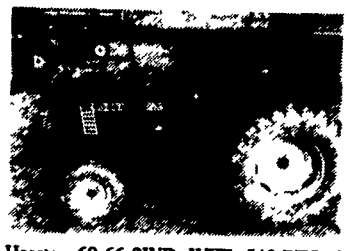
Under 80 HP



IH 706, Gas, 3 Pt., 18.4x38 Rear (W7519)



MF 20, Gas, 540 PTO, 3 Pt. (W8173)



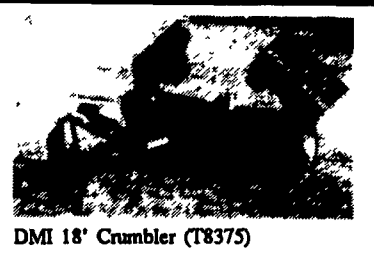
Hesston 60-66 2WD, WFE, 540 PTO, 3 Cyl., 16.9x30 Rear Tires, Canopy (W8350)

CIH 685, Rops, 2 WD, 2002 Hrs., Dual PTO, 10.00x16 & 18.4x30, Heavy Front Axle w/2250 Loader (W8396)

Kubota L3750, 4WD, 3 Pt. Hitch, 540 PTO, 9.5x16 and 13.6x28 Tires, 68" Bucket (W8307)

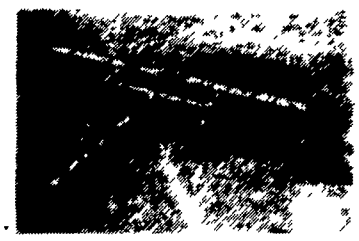
IH 500C, Diesel, Rops, Rear Wts., Industrial Loader w/65" Deck Bucket (W4885)

OTHER USED TILLAGE

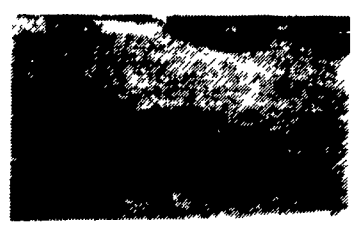


DMI 18' Crumbler (T8375)

DMI 17.5' Field Cultivator (T8374)



Bearcat 11' Packer, 14" Packer Wheels, No Transport Wheels (T7906)

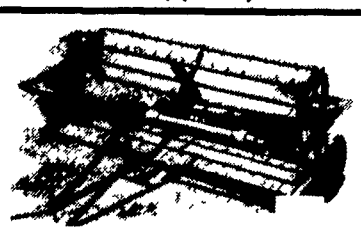


JD 950 Cultimulcher, 15', New Tine Points (T7752)

IH 315 Cultimulcher, 13'2", C-Shank, 14" Packer Wheels (T7330)

Heiniker 23' Field Cultivator, Hyd. Fold, 12' Transport, 6" Spacing, Cushioned C-Shanks (T7311)

USED HAY & FORAGE



Grimm Tedder 8', 540 RPM, PTO Driven (U7948)

NH 499 Haybine w/New Rolls (U7310)

Woods RM600 Mower (U7981)

NH 499 Haybine, 12' Cut, Hydro Swing, 3" Knive w/Guards (U7899)

USED HAY BALERS

Case IH 8580 Baler, 4 Year Old Machine, Makes 4x4x8 Bales, Ready For The Field (U7805)

CIH 8580 Baler, 3 Years Old, Ready To Go To Field, Make 4x4x8 Bale, Ex. w/Mulch Hay (U7983)

JD 348 Baler With Pan Thrower (U7898)

Hesston 4900 Baler, 4x4x8 Bales, Pickup Rebuilt Last Year, Very Good Condition (U7673)

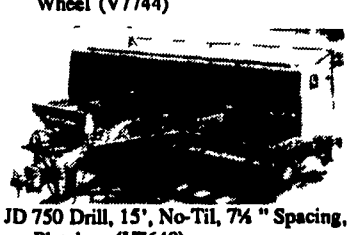
USED PLANTERS & DRILLS

Deutz Allis 325 Planter, 4 Row, New Paint, Dry Fert., 4" Ribbed Press Wheel (V7744)

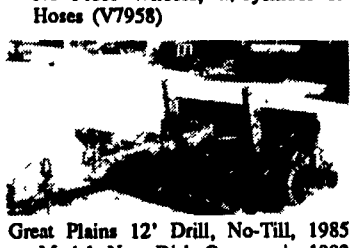
JD 8300 Drill, 18x7, W/Grass-Seeder, No Press Wheels, w/Cylinder & Hoses (V7958)

Planter IH 800 6 Row Narrow Air Planter w/Liquid Fertilizer w/Insecticide w/1000 Shaft Pump, Planter In Fair Condition (V7874)

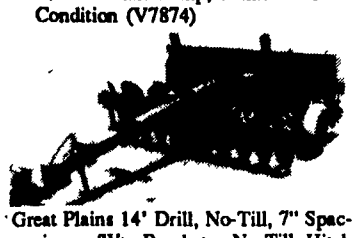
IH 565 Baler w/Wisconsin Engine, Steel Whls., Engine Overhauled (U7141)



JD 750 Drill, 15', No-Til, 7½" Spacing, Plateless (V7640)



Great Plains 12' Drill, No-Till, 1985 Model, New Disk Openers in 1992 (V7685)



Great Plains 14' Drill, No-Till, 7" Spacing w/Wt. Brackets, No-Till Hitch (V7978)

Great Plains 14' Drill, No-Till, 2x13 Press Wheels, Acremeter 7" D.D. (V8177)

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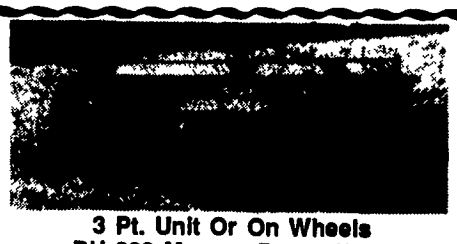

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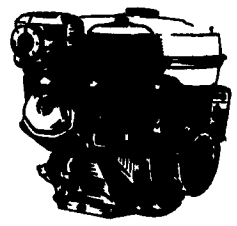

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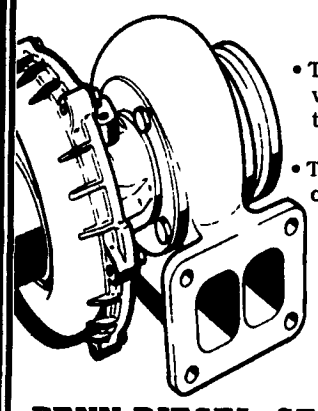

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Farmall Cub w/Snow Plow
AC 5020 w/woods RM59 mower
NI 509 mower conditioner
JD model 350 manure spreader
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Year-End Clearance SALE

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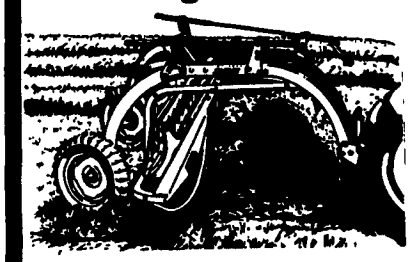
Go with a proven winner!

The Original Rolabar® Rake



Don't Settle For Second Best

Depend on the rugged construction of New Holland Rolabar® rakes. More farmers buy New Holland rakes than all other brands combined because they're rugged, reliable and pick up more of your valuable hay. Don't buy an imitation. See us for an original.

Demo	NH 57 3 Pt. Rake $2,675
Demo	NH 256 w/Rubber Teeth $2,975
Demo	NH 258 w/Rubber Teeth $3,395

DEPENDABLE PERFORMANCE

Year after year it's made New Holland No. 1 in North America.

- **Worm gear drive** transfers power smoothly to the apron.
- **T-rod apron chain** operates with less initial wear and no slacking.
- **Lifetime Bonded Protection** warranty on floors and sides. If the polyethylene floor rots or warps or the sides rust, we'll replace them. Free.

Stop by today to see a New Holland "145" or "155" spreader.

NH 155 Spreader w/Used Truck Tires $3,995.00

TOUGH CUTTING DISC MOWERS

New Holland disc mowers cut through the toughest crops without plugging. Low-profile discs slice through fire ant hills and gopher mounds with ease. Five models with cutting widths from five-feet-three- to nine-feet-two inches.
The rougher your field conditions, the more you need a New Holland disc mower.

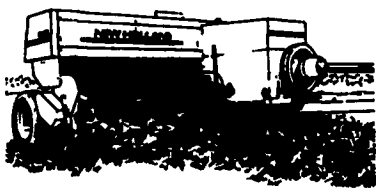
1 Only	NH 462 Disc Mower	$4,375
1 Only	NH 423 Disc Mower	$4,695

Turn Over A New Leaf With A New Holland Windrow Inverter

The New Holland windrow inverter will change the way you make hay — for the better. Speeds drying time as it lifts, fluffs and turns windrows without roughing-up the hay. And, keeping more of the protein-rich leaves intact means you get high-quality hay into the bale or silo, fast!

Leftover NH 144 Windrow Inverter $2,950.00

BIGGEST CAPACITY EVER



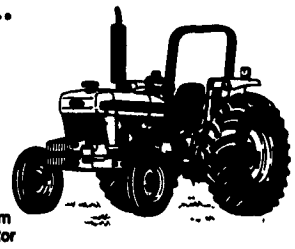
Get the most capacity possible in the 14x18 in. bale category with the "575" New Holland Square Baler from Ford New Holland

- **Capacity.** A wider, Super Sweep pickup and a new rotary feeder.
- **Durability.** Stronger materials in the bale case and plunger.
- **Reliability.** Gear-driven tying mechanisms.

Come in today. Prove it to yourself. The New Holland "575" out-bales them all.

NH 575 Baler w/Quarter Turn Chute Rental Unit $10,900
NH 570 Baler Demo w/72 Bale Thrower and Hydro Formatic Bale Tension $12,900

62 Horses Packaged The Way You Need Them.



Now you can get the proven, dependable, lugging ability of a Ford 62-PTO-horsepower, four-cylinder engine in either of two tractor packages:

- Standard, all-purpose for normal use

- or -

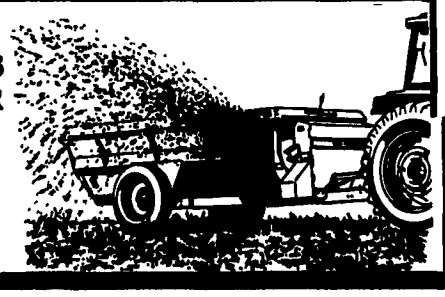
- Low-profile where overhead clearance or stability is a problem

Get the power you need in a tractor designed for the work you do. Ask us about a Model 5030 demo today.

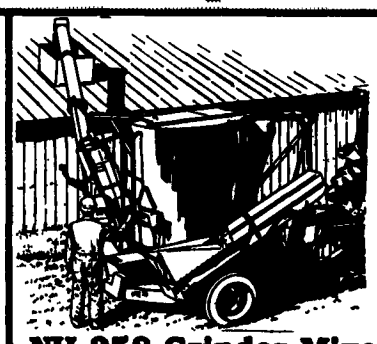
TRACTORS IN STOCK
5610
5030's

Call for SPECIAL PRICES

NH 306 SPREADER



Call For Special Price

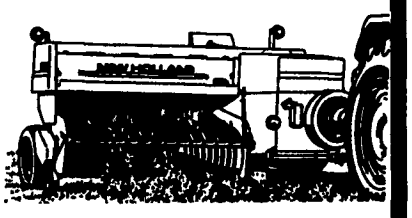


FIRST IN DURABILITY

Surveys show owners rate New Holland grinder-mixers the most durable. Ford New Holland builds them right and backs them with quality parts and service.
The Model 358 has a 125-bushel tank specially designed to eliminate bridging. An optional electronic scale assures accurate control of rations. Stop and see the durable Model 358 grinder-mixer.

NH 358 Grinder Mixer w/Scales $12,200

New Model 580 Baler Will Make Your Day



Want to move your hay crops in a hurry. The new 16x18-inch "580" baler from New Holland does it. Here's why:

- 75-inch Super Sweep pickup handles wide windrows and gets the short, fine hay other pickups miss
- High capacity rotary feeding system with rotating tines handles hay gently
- 318-square-inch feed opening and 93 strokes-per-minute plunger speed provides uniform bale shape.
- Hydraformatic bale tension system for uniform bale density.
- Heavy-duty, gear-drive knotters go thousands of bales without a miss.

Want to make the most of your hay crops? Ask for a "580" demonstration today.

1 Only **NH 580 Baler with Quarter Turn Chute $13,900**

Bale Faster and Denser With A "D1000"

If you want denser square bales while baling at faster speeds, you'll want to take a look at the New Holland "D 1000" mid-size square baler.

The "D 1000" makes bales measuring 2x3x8 feet and weighing up to 700 pounds. Yet, it requires just a 90-horsepower tractor for operation.

According to recent field tests, the New Holland "D 1000" bales more tons per hour compared to conventional square balers. Plus, it lowers hay losses, with an average 15 percent denser bale.

Come in today and see the "D 1000" for yourself . . .
from Ford New Holland.

Call For Special Price

Watch For Details On Our Upcoming OPEN HOUSE JAN. 31 - FEB. 12, 1994

Ford New Holland Days - Thur., Feb. 3, 1994

Limited Supply/All Prices Cash Or Standard Rate Financing FOB New Holland, PA

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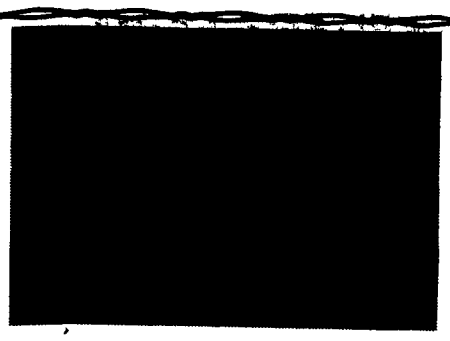
FORD NEW HOLLAND



Case 1845C Low Hrs.
NH 553 Loader, 110 Hrs.
$8,500
717-859-2729

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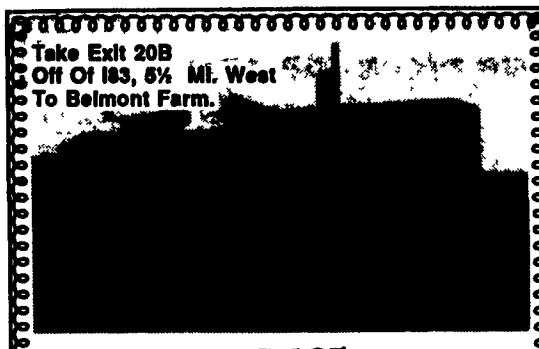
Off Of I83, 5¼ Mi. West
To Belmont Farm.



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New Rubber, Very Nice
$6,250
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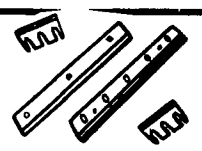

Harvester Knives
1-800-WEAVER D

Take Exit 20B
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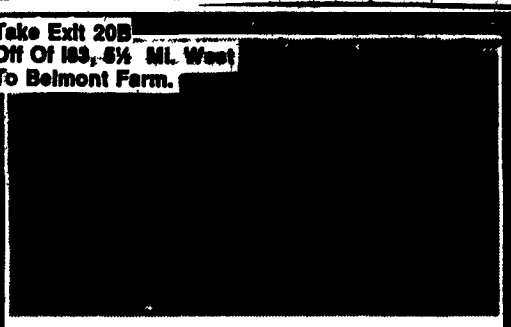

AC D14
Clean, Straight, Midwest Tractor
$1,900
410-833-9091

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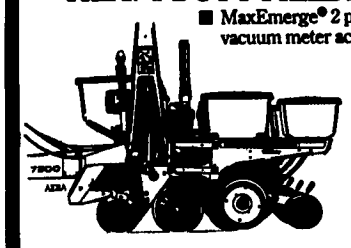
GOOD DEALS FROM ABC GROFF..AND A GOOD DEAL MORE

JOHN DEERE

CONSERVATION PLANTER: HEAVY-DUTY FOR HEAVY-DUTY FIELDS

- MaxEmerge® 2 planter vacuum meter accuracy.
- John Deere 7200 Planters... built tough for reduced tillage conditions.
- 7x7-in. mainframes. New row cleaners, frame and unit-mounted counters, plentiful under frame clearance.



JD 7200 4 Row Conservation Planter, Vacuum Seed Meters, Monitor, Insecticide, Heavy Duty Markers, Frame Mounted Coulters, Dry Fertilizer With Single Disk Openers

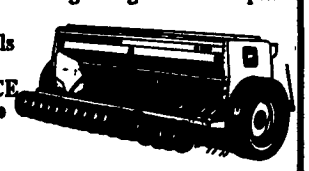
Sale Price $13,990.00 (1 Only)
(Sale Ends Jan. 15, 94)

CALL NOW - BEST DEALS ON PLANTERS END JAN. 15, 1993

Watch For Details On Our Upcoming
OPEN HOUSE
JAN. 31 - Feb. 12, 1994
John Deere Day - Fri., Feb. 4, 1994

HOLD MORE SEED, HANDLE MORE RESIDUE, HUSTLE MORE ACRES

JD 450 12 Ft. Grain Drill With Large Grain Box, Folding Tongue And Depth Gauging Press Wheels



SALE PRICE $7,490.00
(1 Only)

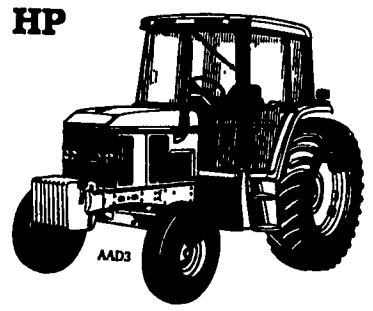
JD 450 8 ft. Grain Drill With Double Disk Openers, Double Rib Drill Tires, Folding Tongue And Grass Seed Attachment
Sale Price $4,790
Sale Ends Jan. 15

- 450 End-Wheel Drills offer big-capacity boxes, up to 124-pounds down-pressure for better penetration in tough soils and residue.

AN ALL-NEW BREED OF POWER

JD 6200 TRACTOR 66 HP

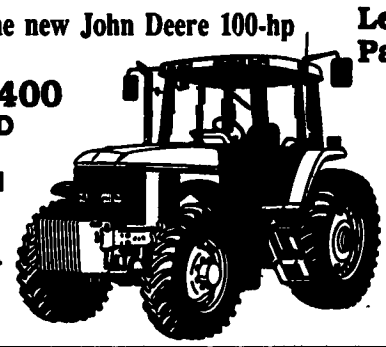
Model 6200
66 HP, 2 WD, With Comfort Gard Cab (Demo Only)
Cash $30,500.00
With Waiver Until March 1, 94
$30,900.00 and 6.9% Financing For Qualified Buyers



BUILT IN WATERLOO, IOWA

Introducing the new John Deere 100-hp 7400 Tractors

MODEL 7400
100 HP MFWD With ComfortGard Cab
60 Month Lease Payment



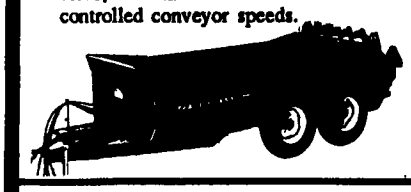
- **10% Advance Lease Payment**
- **10% Purchase Option**

$918.00*

MOVING TO THE FRONT OF THE FIELD

- The 550 Conveyor Spreader has a big 286-bushel capacity and an economical price.
- Reliable hydraulic conveyor drives, new V-belt primary drive, and six tractor-controlled conveyor speeds.
- Large 30-inch beater and slick box floor for easy cleanup, no sticking.

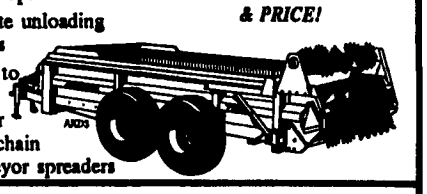
Model 550 Spreader, 286 Bushel, Tandem Axle
SALE PRICE $6,575.00



HYDRA-PUSH™ SPREADER: 2 SIZES, MANY ADVANTAGES

- Two sizes of Hydra-Push spreaders. No chains.
- Fast unloading, no conveyor fall-back, self-cleaning.
- Resists corrosion and freeze-up.
- Infinite unloading speeds
- Built to last longer than chain conveyor spreaders

Model 455, 250 Bushel
Model 785, 400 Bushel
CALL NOW FOR BEST AVAILABILITY & PRICE!



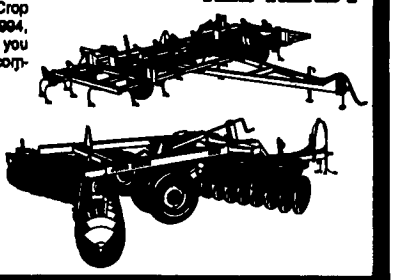
PRESEASON SALE — TILLAGE TOOLS

PLAN TILLAGE SAVINGS NOW

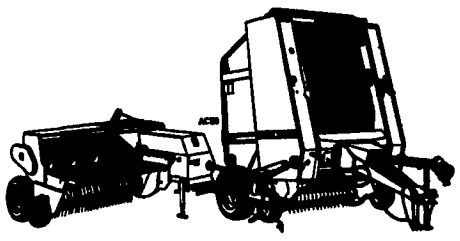
There's never been a better time to talk tillage with us. And there's never been a better time to save big on Tillage and Crop Care equipment than now. From now until January 31, 1994, stop in and discuss your tillage needs because no one offers you more quality equipment choices or better information on complete cropping systems than we do.

- Count on us for a wide choice of tillage tools with affordable quality.
- Moldboard and chisel plows... mulch tillers... and V-rippers.
- Tandem and offset disks... field cultivators... mulch finishers... roller harrows... rotary hoes.. row-crop cultivators.
- Conservation equipment? We have all you need, preplant to post-harvest.

ALL TYPES ALL READY



SQUARE BALES OR ROUND, YOU'RE IN THE BEST SHAPE WITH JOHN DEERE



Stop in and look over the complete and completely advanced John Deere Baler Line

JD High Capacity 348 Square Baler With Multi Luber Pickup Gauge Wheel and Hydraulic Bale Tension
Sale Price $13,290.00

JD 335 Round Baler 4'x4' Baler With Electric Double Twine Wrap and Pickup Gauge Wheel
Sale Price $10,900.00

Sale Ends Jan. 31, 1994

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Saturday 7-Noon

JOHN DEERE

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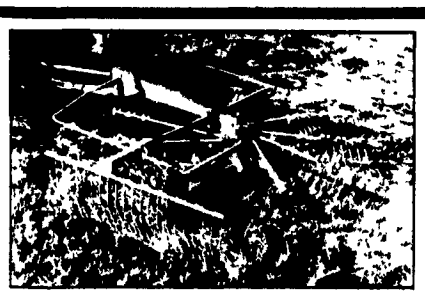
KUHN



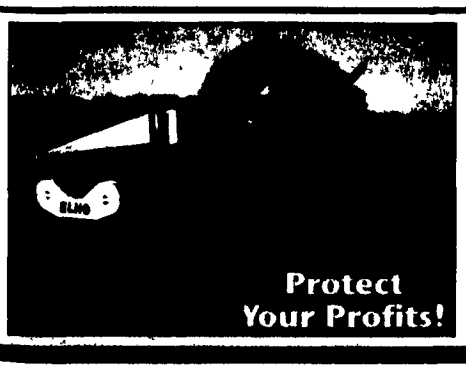
Rake or turn windrows with the Kuhn Gyrorake!

Kuhn GA series rakes let you rake or turn windrows for better quality hay in less time. One machine does it all!

- GENTLE – High speed rotary raking action.
- VERSATILE – Side delivery for double raking
- FLEXIBLE – Rotor speeds match crop conditions.
- SEVEN MODELS – 8½' to 24' raking widths

Enjoy faster drying and easier baling with Kuhn GA series rakes.

IN STOCK:
(2) Demo's,
New Warranty
SALE PRICE $3,390.00
SALE ENDS JAN. 15, '94



When it comes to preserving nutrients and freshness in your valuable hay crop, nothing beats Kuhn's Silo-Matic round bale wrapper. The Kuhn Silo-Matic stretches and then tightly seals plastic wrap all around the bale, preventing water seepage, temperature variation and mold development.

Towed Silo-Matic with Lift Arm
- Dual roll chain drive - no belts
- Drive line provides smooth unloading
- Multi-directional platform for quick and easy loading
- Self-clearing turntable for trouble-free wrapping
- Lift arm allows easy transport of two bales; adjustable for various bale sizes
- Optional electronic monitor controls film thickness and counts bales
- 3-point hitch model also available

IN STOCK:
Model 1012
Trailed Bale Wrapper w/Hyd. Cut & Tie
ON SALE UNTIL JAN. 15, '94
CALL FOR DETAILS!

IN STOCK:

R65 3 Bottom Hydraulic Reset Plow, Reversible With Coulters

SALE $8,990.00

(1 ONLY)
SALE ENDS JAN. 15, '94

Kuhn-Tough Reversible Plows

Adaptable to any field condition

Kuhn's new 16" R 65 Range Reversible plow is just the ticket for any tough field job. You'll save time and energy when you use the R 65 for spring or fall plowing.

- Hydraulic automatic reset for easy clearance of rocks and other obstacles automatically resets bottom at proper plowing depth
- Quick and easy level adjustment
- Easily adaptable to any 45–110 hp tractor.

- Full line of accessories available

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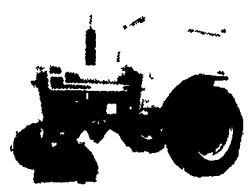

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IH 5288 cab, air, 3 remotes, sharp
IH 86 hydro fender tractor, 2500 hrs., rebuilt hydro, excel. condition
IH SMTA, gas, NF
Farmall Super C w/sickle bar mower
ROPS to fit 656 hydro 70, Ect.
Several sets of 15.5x38 tires
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MF 510 diesel combine w/13' grain head
Wide front to fit Farmall Super C
IH D282 Engine to fit 656, 706, etc.

USED PARTS

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JD 420W, good condition

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5610 II, 4WD, DP, 16.9x30 w/Ford 7410 QT Loader, 250 Hrs.
5600, DP, dual remotes, 18.4x30, 3,200 hrs.
4630, 8x2 trans., 1 remote, 16.9x30, 300 hrs.
3930, 4WD, 8x2 trans., 14.9x28, 180 hrs.
445A, 4WD, 1987, 3 pt., ind. PTO, 500 hrs.
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3000, diesel, PS, 8 spd, LPTO, remote hyd., SOLD 1974 model, 2,800 hrs. w/Ford 772 loader
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2600, diesel, 8 spd., LPTO, PS, 3,100 hrs.
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JD 1070, 4WD w/JD 80 loader, 175 hrs.
JD 870, 4WD w/JD 80 loader, 110 hrs.

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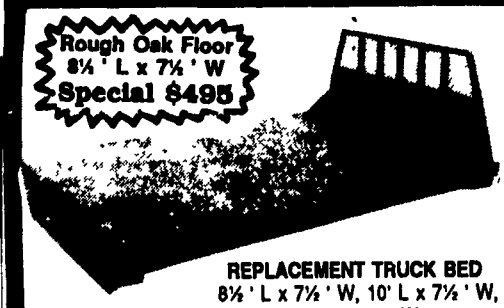

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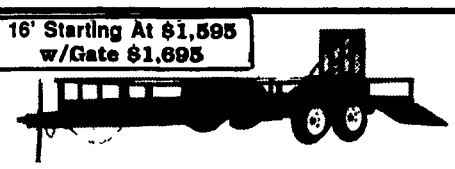

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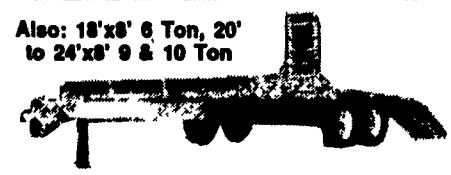

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JD 7720 4WD w/216 Flex & 643 Cornhead.
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JD 4400D, CA Rotary Screen.
JD 4400D, CA, Real Nice.
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MF 750 Gray Cab w/Flex Grain & 1163 Corn Head, Nice.
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MF 1163 Corn Head, 2 Years Old.
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MF 540 C.A.
MF 410D w/Cab.
IH 915, Turbo Hydro, 4WD, w/810 Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
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Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)
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CORNHEADS: JD 643 Oil Bath, Like New; JD 643 Oil Bath, 643 LP, 643, 444 Oil Bath, 444 LP, 444, 443 Oil Bath, 443 LP, 444, 443, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 Row Crop Head.
I.H. 983; 963; 943; 863; 844; 843; 833; 763; 744; 743; 327; 227.
Gleaner A638 Corn Head; A.C. GL 440, C440, A438 Black, F2, M430, F335.
M.F. 1183, 1163, 1144, 1143, 83, 63, 44, 43, 24.
N.I. 738, 743, 744W, 730, 725, 723, 762, 763; Ford 4-30"; Case (404).
NH 974 W6; NH 962 N3; NH 962 6RN; NH 924, 4RW; White 704W; White 706N; Oliver White 4N; White 703.

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I.H. 810-13' Thru 17.5' w/ Reg. or Floating.
M.F. 10'-20' Reg. or Floating Bar; MF 9118 Flex; A.C. E10'.
N.I. 713 Flex Or Rigid; NI 715 S Flex.

TRACTORS: Good Selection Of 4WD Tractors.
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IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 C.A., w/20.8-38 Duals; IH 5088, C.A., 2 PTO's, 3 Hyd.; IH 5088 C.A.; 3588 4WD, CA, 2 PTO, 4 Hyd.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 3488 C.A., Hydro, Original; IH 4786 C.A. 4WD; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 C.A. Duals; IH 1486 CA; 1486 C.A. (As Is); 1086 C.A. 20.8x38 Duals, Real Good; IH 1086 C.A.; IH 986 ROPS, Nice; IH 986 ROPS; IH 886 ROPS, Original; 886 w/R.G.; IH 886 ROPS w/2350 Loader; F786; F686 Original; Farmall 86 Hydro; IH 4166 C.A., 4WD w/3 Pt., Nice; IH 4166 w/3 Pt. & PTO, As Is; IH 1466, C.A., 18.4x38 Duals; IH 1066 Black Stripe, ROPS, Original; 1066, Real Nice; 1066 Hydro w/2450 Loader; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/Cab; 1466 Fender; IH 100 Hydro w/Cab, Nice; IH 966 Year Round Cab w/Air; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender: F766 w/ Factory Cab; 766 Fender Dif-Lock, New Tires; 70 Hydro Dsl.; IH 784 MFWD; IH 544D WF, Hydro; F826 (As Is); IH 806D, Real Good; IH 806D; IH 806D, WF, 3 Pt.; IH 1206; F 706 Gas w/ Cab; IH 706 Gas (As Is); F 706D (As Is); 656D WF; IH 504 Utility Dsl.; F560 Gas, Nice; Farmall 560 Tricycle Gas; F 560D, WFE; Farmall 460G, Original; Super M; H, Real Nice; IH Super AV w/ Cultivator.
AC 8070 C.A.P.S. MFWD; AC 7080 C.A.; AC 7040 C.A.; AC 6080 CA, MFWD; AC 6080 MFWD ROPS w/ Loader; AC 6080 MFWD (Needs Rear End Work); AC 5040; AC 200 D original; AC 185D, WFE.
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CASE IH.
Case IH 9270 CA 4WD w/ Duals; Case IH 9170 CA 4WD w/Duals; Case IH 7140 MFWD, 600 Hours; Case 7130 MFWD, 20.8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; 1991 Case IH 7120 CA MFWD w/18.4x42 Duals, 900 Hours; Case IH 7120 MFWD, Real Nice; Case 1896 C.A.P.S., MFWD w/96 Loader; Case IH 1896 ROPS, As Is; Case IH 485 MFWD, ROPS w/2255 Loader, Like New; Case 2294, C.A.P.S.; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42; Case 2390 C.A.P.S., Duals; Case 2290 C.A.P.S., Nice; Case 2290 C.A.P.S.; Case 2290, C.A.P.S.; Case 2090 C.A.P.S., MFWD w/#90 Loader; Case 2090 C.A.P.S.; Case 1690 C.A., MFWD; Case 1690 C.A., As Is; Case 1370 C.A.P.S.; Case 1370 C.A.P.S. (As Is); Case 1070 C.A.P.S. (As Is); Case 970.
MF 3545, C.A., MFWD; MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1800 C.A., 4WD w/3 Pt.; MF 1100 Gas w/246 Loader; MF 1085; Ferguson 35, Nice.
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Versatile 500 4WD, Full Equip.
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Tractors & Equip. Just Traded:
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MFWD; White 2-105 C.A.; White 2-85 MFWD.

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PICKER: NI 319 2 Row Mounted Picker w/12 Roll Bed; NI 305 Mounted Picker w/12 Roll Bed.
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NH 1890 4WD w/3 Row Auger Base & Hay P.U.; FNH 900, Real Nice; NH 900 Tandem Axle w/Metal Alert II w/824 Corn Head & 900W Pickup; NH 900 Chopper; NH 782, Nice; NH Super 717 w/722 Corn Head, Real Nice; IH 720 w/2R And Pickup; IH 830 Chopper w/2R & Hay Pickup; IH 830 w/3R Cornhead.
NI 709 C.A., Hydro, 4WD w/767 Chopper, 768 3R CH & Hay Pickup
Fox Super D w/Cab 3R C.H. & P.U.
Gehl 700 w/3 Heads, Real Nice.
Gehl 600 w/2R & Hay Pickup.
Gehl CB 1200 Chopper.
Balzer 1014 Hydraulic Dump Station

FORAGE HEADS: NH 939 6R Auger Base Silage Head, NH 890A Auger Base w/890 N3 Corn Head, NH 890 Auger Base w/3R CH, NH 3RW Auger Base Head, NH 824 Corn Head; NH 722 1R Corn Head, Like New; NH 880 N2 Corn Head, NH 890 EN2 Snapper Head, NH 890 EN2 Snapper Head; NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper; 770-1R Snapper; NH 890 w/2 or 3R C.H.; NH 890 2R Snapper Head; NH 890 Direct Cut Head; 1R & 2R Silage; NH 880W PU, NH 880 S Direct Cut.
JD 483 4RN Stalker Head, JD 4R Converging Silage Head; J.D. 2 & 3R Snapper; 2 & 3 R Silage, JD 3RW Silage Head; Used 5½' and 7' Hay Pickups; JD 443 w/Adapter Plate; JD 443 Low Profile Corn Head w/Adapter Plate For Harvester; JD 343 Cornhead w/ Adapter Plate; JD 243 C.H. w/ adapter plate, 3 JD C.H. harvester adapter plates; JD 6' Direct Cut Head.
White 703N Cornhead w/Adapter Plate For Fox Chopper.
NI 766 Hay PU, Gehl 2RN Corn Head.
NI 768 WN 3R Corn Head; NI 763 3R Corn Head.
2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: Wetmore Grinder Blower; Harvestore Grinder Blower, Gehl 1580; NH 30; NH 25, Farmhand Burr Mill Blower
FLAIL CHOPPERS: NH 38, JD 16A, IH #10, IH #8, NI 4R Stalk Shredder, IH 4R Shredder, Lundell 4R Stalk Shredder, IH 60 Stalk Shredder
SILAGE WAGONS: JD 716A Tandem w/Roof, JD 716A Tandem, (2) JD 716A Wagons, Tandem w/Roofs, Hesston Tandem Forage Wagon, GT Side Dump Wagon, Richardton SF16 Dump Station, 1 Year Old, Balzer 1016 Dump Station
HAY EQ., BALERS: Case IH 8540 w/ Thrower, Like New, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 347 w/Thrower, JD 347 w/Thrower (As Is); JD 337 w/40 Thrower; JD 337 w/#40 Ejector; JD 337 w/Thrower, JD 337 w/ Thrower; JD 327 Baler w/ Thrower; JD 327 Baler w/ Thrower; JD 346 w/Thrower, JD 336 w/Thrower, Real Nice
FNH 326 w/70 Thrower; NH 326 w/75 Ejector; Ford NH 326 Baler, 3 Yrs. Old; NH 316 w/#70 Thrower, Nice, NH 425 Wire Tie Baler, NH 320 Baler w/70 Thrower; NH 320 Baler w/70 Thrower; NH 316 w/#75 Thrower, Real Nice; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH #75 Ejector, IH 425 w/#15 Thrower.
ROUND BALERS: NH 853 w/Memory Wrap, JD 430, NH 849 w/Auto Wrap, NH 849 Hyd Cut-Off, NH 848, Hyd. Cut Off, Like New, NH 851, NH 851 Rd., NH 847 Auto-Wrap, NH 847 w/Auto Wrap, NH 846 Auto-Wrap, Gehl 1850, Gehl 1400, Hesston 5440
RAKES.
JD 662 Hyd Drive w/Dolly Wheel, Deutz Fahr KH 700 6 Star Tedder, M&W RV 300 Tedder Rake, 3 Pt., 2 Star, Pequea 710 Tedder, NH Double Rake Hitch
FNH 144 Hay Inverter
HAYBINES: Ford NH 1496 C A Hydro w/New Rolls, NH 1495 Gas w/ Cab, NH 499 Hydro Swing, NH 489 Haybine, Nice, 489, NH 489, NH 478, Nice, 478, NH 477, NH 472, JD 1327 Discbine, JD 1219, Nice, JD 1219, JD Haybine Windrow Inverter, Case IH 8350 12', Like New, Case IH 8350 12', IH 1190, IH 1490 SOLD Pole Hydrosweep, Gehl 2350 Discbine, Gehl 2350 Discbine, Deutz Allis SM70 Discbine
New MC 7E, NI 270 Cutditioner.
BALE WAGONS: NH 1005 and 1010, NH 1012, NH 1030, NH 1033, NH 1002, NH 1034
PLANTERS: JD 7200 12R Front Fold w/Liquid Fert., Fully Equipped, 3 Years Old, JD 7000 8 Row Planter w/Dry Fert., JD 7000 6R Corn, Dry Fert, JD 7000 6R Corn Planter, Dry Fert, JD 7000 6R Conservation JD 7000 6R Liquid, JD 7000 6R Planter, JD 7100 6R Planter, 3 Pt., JD 7000, 6RW Plate Planter, (2) JD 7000 4R Conservation, JD 7000 4RN, Fully Equipped, Real Nice, 7000-4R Dry & Liquid, JD 7000 4R Liquid, IH 800 6R Liquid, IH 800 6R Planter, IH 800 4R Liquid No-Till, IH 800 4R, Hniker 4R Econotill, No Till, w/Kinze Units
DRILLS: Lilliston 9690 10' No-Till, Tye 12' No-Till Drill, Crustbuster 12' 3 Pt No-Till Drill, JD 8300, 24x6, JD 8300 23x7 w/Press Wheels, JD 8300 21x7 DD, JD 8300 Drill, 21x7 DD, JD 8300 Drill w/ Tandem Hitch, JD 1500 3 Pt. Power Drill, Tye 24x6 Drill, IH 5100 21x7 w/Press Wheels, Like New IH 5100 21x7 DD w/Press Wheels, IH 5100 24x6 Single Disc w/Grass Seed, Like New, IH 5100 18x7 DD w/Grass Seed & Press Wheels, IH 5100 18x7 DD w/Grass Seed, IH 510 21x7, 510 24x6 Double Disc, (New) Brillion 10' Transport Seeder, Brillion 10' Seeder w/Transport, Brillion 10' Transport Seeder
GRINDERS/MIXERS: New NH 355, NH 352, Case IH 1350, Gehl 95, JD 750, Brady 950 Hyd Drive, Papec 880, NH 396 Tandem Axle Tub Grinder, Farmhand XG30 Tub Grinder, Farmhand Tub Grinder
TILLAGE EQ.: Ferguson 2X Disc Plow, JD 3X 16"; Ford 3X Spring Reset, JD 845 4X Roll-Over, JD 145 4X Plow, JD 2600 4X Trip Plow, JD 2600 5X Reset, JD 2500 5X Reset, IH 710 5X, White 549 5x18" Plow, JD 2500 5 & 6X Spring Reset, JD 6X Hyd. Reset Plow w/Accumulator, IH 700 6X Auto Reset, IH 710 6X 18" Spring Reset, IH 710 6X 16" On-Land Hitch, IH 720 6x18 Plow, IH 720 6X Reset Plow, White 588 6X 20" Spring Reset; IH 720 6x16 Spring Reset On-Land, JD 2700 6X Plow, JD 2800, 6X, On-Land, JD 2800 6X On-Land; Case 400, 6x18 Spring Reset On-Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X On-Land, IH 710, 7X On-Land; JD 2800 7X On-Land, JD 3600 8X Spring Reset, On-Land, JD 2800 8X Plow, IH 710 8X On-Land.
CHISEL PLOWS: Dunham Lehr 6' Pull Type, Brady 10' Pull Type, Brady 12' Chisel Plow, Case 14', Brillion 12', AC 1600 14' Pull Type, AC 13' Chisel Plow
DISCS: New Taylorway 570 12' Rock Flex Disc, Miller 11' Offset Disc, Miller 10 Offset Disc, IH 770 20' Hyd Fold Offset Disc JD 110 14', JD 230 13' Disc, Miller Series V 12' Flex JD 215 Disc, JD 215 Disc, Kewanee 15' Rock Flex Disc Real Nice, IH 500 14' Heavy Disc, White 15' Offset Disk, Miller 16'9" Hyd Fold Offset Disc, Krause 1587 17' Center Fold Rock Flex, JD 220 18' Hydra Fold, JD 220 19' Hyd. Fold; IH 485 19' Hyd Fold, Dunham Lehr 34-20' Rock Flex Disc, Bush Hog 1440 19' Rock Flex Disc, Real Nice, IH 485 23' Hyd. Fold, JD 235, 25' Disc, JD 235 25' Rock Flex Hyd Fold
MULCH TILLERS: JD 1710A 13 Tooth, IH 6000 13-Tooth Soil Saver; White 10-Tooth Soil Saver, Glenco 9 Shank Soil Saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver.
CULTIMULCHERS: Brillon 21' Hyd Fold, Crow Foot Cultimulcher, Brillon 15' Cultimulcher; Brillon 12' And 15' Cultimulchers, Brillon 12 nice, Brillon 13 Ft Cultimulcher, Brillon 13', Brillon 14' Cultimulcher, Dunham Lehr 15', IH 315 15', JD 12', JD 10'
CULTIVATORS: Lilliston 4R Rolling Cultivator, JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator, 4R S-Tine, 6R S-Tine Noble 6R Fold S-Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, Oliver 6R Front Mount, JD 8R Cultivator, Westgo 8R Hyd Fold, IH 8R w/ End Transport JD 1010 28' Hydraulic Fold Field Cultivator, Brillion 23' Hyd Fold Field Cultivator, Brillion 18' Field Cultivator, Brillion 16' Wing Harrow, Brillion 20' Fold Harrow
MISC: Brillion 14' Transport Packer w/ Harrow Attach., Lely Roterra 13', Brillion 12' Packer, JD 400 20' Rotary Hoe, JD 400 15' Rotary Hoe, IH #11 5&7 Shank Spring Reset V-Ripper; Tebben 7 Tooth Pull Type Subsoiler
INDUSTRIAL: MF 2200 Dsl Forklift, As Is, Yale Forklift.
1978 Case 580C Dsl L B, ROPS, Cab w/Heat, AC 715B L & B, Case 750 Crawler Loader w/ Ripper, JD 555 Crawler Loader; 4 In 1 Bucket For JD 450, Ford Backhoe Attachment, Ford 4500 Industrial Gas Loader
SKID LOADERS: Case 1840D, Case 1840, Case 1845 Dsl, Case 1835B Gehl 3510 Gas, Bobcat 722
LOADERS & BLADES: JD 58, 145, 148 158, 260, IH 2355, 2350 & 2250 NI 504 Fits F400, Leon 808 Loader To Fit White 2-180, Schwartz 1900 QT (Fits MF), Farmhand #258 (JD 4230), Dunham Lehr #22 Artsway HD loader for 4WD, Westendorf 64L, AC 470 Loader, Ford Ldr For 8000 Etc JD 8 Dozer Blade For 4430 Etc, Amco 905 Heavy Front Blade, JD Heavy Front Blade For 2940 Thru 4640
LAWN & GARDEN: JD 1050 MFWD w/Loader JD 755 MFWD w/JD #70 Loader, JD 850, As Is, JD 650 w/Mower, Like New, JD 75 Loader, Yanmar YM 155D, 4WD w/Woods RM 360 Mower, Kubota L175 w/Mower, Kubota B6000 w/ Mower, JD AMT 622, JD 600 AMT, JD 600 5 Wheeler, Cub 185 Lo-Boy, Cub Lowboy, Cub 184 w/ Mower IH Cub 154 Lowboy w/ Woods Mower & Snow Plow, Farmall Cub w/Sickle Mower, Real Nice, Cub 154 Lo-Boy, IH Cub w/ Mott Mower, Cadet 1572 Dsl, Cadet 782D, Real Nice, Cub Cadet 782D, JD 935D Front Mower, JD 930 Front Mower, JD 935 D w/Front Mower, JD 400 w/ Mower & 3 Pt & Equip, JD 318, 317, 214, 212, 210, 160, JD 185 Hydro, JD 116, JD 318 Blade & Snow Blower, Snowblower For JD 300 Series, JD Front Blade For 750, Cub Cadet 1872 w/PS; Cub Cadet 149, 1200, 582
ROTARY CUTTERS: Bush Hog 15' Hyd. Fold, Votex 11' Rotary Mower; Hardee 8909 9' Heavy Duty Cutter
SICKLE MOWERS: IH 1300
MANURE SPREADERS: New H&S #310 Tandem Axle Spreader, Ford NH 304 Scavenger Spreader, Like New, Case IH 595 Tandem, JD 450 Push Spreader; NH 308 Tandem Scavenger; NH 520, NI 213, Badger 5800L 1500 Gal. Tandem Tank w/Vacuum, Better Bilt 1500 Liquid Spreader, Clay 1500 Gal Liquid Spreader w/ Vacuum, JD R, MF 15, Like New

New Killbros Bins & Running Gears
New Killbros 1200 Grain Cart
New Killbros Header Wagon

MISC: Walinga 510 Agri-Vac, Hinson 812 Grain Cart, Lely Tandem Fertilizer Spreader, (New) Mayrath 32 Elevator, Mel Can Rock Picker, Riteway Rock Picker, Rock Picker JD Quick-Couplers JD WF 4WD Damaged IH 84 Series Cab New WFE For Ford 7700

JANUARY SPECIALS

TRACTORS	
(70) JD 5020	$ 3,900
IH 1086 C.A.	$ 8,500
COMBINES	
IH 76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 5,900
IH 715 Gas w/Cab & 810 Grain	$ 3,900
M.F. 510 Diesel w/Cab & Q.T. Grain	$ 2,250
JD 4400 Gas	$ 3,000
MISCELLANEOUS	
NH 1005 Bale Wagon	$ 1,200

Largest Selection Of Quality Farm Equipment In The East

Year End Special
R62 Gleaner Combine
w/630 Cornhead & 15' Flexhead

NEW EQUIPMENT

Kuhn Hay Equip.
Agco-Allis 5670 2W ROPS
Agco-Allis 7600 4WD, ROPS
Deutz Allis Disc (2) 13'6"
Deutz Fahr Hay Equipment
M&W 4590, Round Baler

USED EQUIPMENT

Knight slinger spreader
Unverferth 3 pt. 16' tine & roller soil conditioner
NH 1400 combine w/heads
Vicon KM281 mower conditioner
Kuhn GRS 25N rake tedder
Meyers 16' forage wagon w/roof, like new cond.
DX 130 tractor, cab, AC
Used AC 6R & 4R no-till corn planters

Artsway *Silamix* Feed Wagon In Stock Now.

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.

8422 Wayne Highway
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AGCO ALLIS — AGCO
For the way you farm today
7AM - 5PM Mon.-Fri.
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USED EQUIPMENT

TRACTORS

New JD 7800 4WD Tractor, 150 Hrs., Demo $71,500
JD 2755 Demo, 16 Spd., Cab, Loaded, New Warranty $32,500
7610 Ford, Loaded, Nice Condition, Low Hours $23,900
1972 Yellow Cub, 60" Belly Mower, Single Bottom Plow, Very Nice $ 3,500

DIESEL COMPACTS

JD 955, MFWD, w/Loader, Backhoe & 72" Mower, Low Hours, Nice Condition $22,500

We Have An Assortment Of Used Lawn & Garden Tractors

COMBINES

9500 Combine, 1900 Hours $68,500
915 Flex Head $ 8,500
643 Corn Head $10,000
(2) 653A Row Crop Heads $ 4,500/Each
JD 444 Corn Head $ 4,400
JD 244 Head $ 2,800
JD 915 Rigid $ 6,600

TILLAGE

JD 3 Section Drag Harrow, New Condition $ 1,650
MF Model 129 Pull Type 12-Tooth Chisel Plow $ 2,500
Int. 45 18' Hyd. Wing Field Harrow $ 2,750
JD 1710 Mulch Tiller $ 2,000
JD 845A 3-16 2 Way Plow $ 2,900
IH 315 12' Roller Harrow $ 2,900
JD 610 25' Chisel Plow $11,500
JD 2500 6/18 Spring Reset Plow $ 3,500

HAY & HARVESTING

NH 489 Haybine, Fair Condition $ 2,200
32' Zimmerman Elevator, Nice $ 1,200
JD 530 Round Baler $12,500
NH Super 717 w/Heads, 9 Knives, Good Condition $ 1,975 $ 1,500

MISCELLANEOUS

JD 430 Lawn Tractor, 60" Mower, Low Hours, Very Nice $ 7,500
1993 Premier Trailer, 2 Axle, 10,000 Lb., New Condition $ 1,700
Ontario 13 Hoe Drill, On Steel, Nice $ 275
10' Tye no-till drill $5,500
Herd Fertilizer Spreader, Model 750 $ 475
Dynavent Straw Chopper $ 3,000 Or Will Rent
Gem Top, Topper For Pickup, 8' Box $ 200

NEW EQUIPMENT

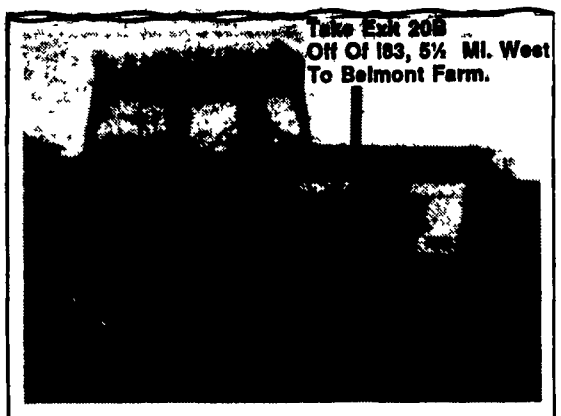
JD Wagon Gears 720, 740, 770 (Tandems)
550 Mulch Master 19'

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132
1-800-362-3132

TIRONIE'S TARPS
717/584-2928
1/800/874-2928

1979 Lockwood XL Potato Harvester w/Dahlman M-Table for Clod Removal Haines 48" Potato Washer
$2,600
(215) 286-9510

FOR SALE - MOBILE ROSKAMP ROLLERMILL
1976 - 9x30 Mill 14 Grooves/In
Regrooved 1992 20 HP 3 Phase Motor
Price $3,900
Call 410-778-2372



IH 1466
Nice Cond., 20.8 Rubber,
Field Ready
$8,000
410-833-9091

Combines for Salvage

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40. MF: 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, AC N5, F, F2, L, M, M2, K, G, E, C, C2, A, 60, 66. Oliver: 7600, 545, 535, 525, 430, 40, 35, 33. NI: Uni, 709, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle. **JD 5460 SP Harvester** **NH 785 Skid Loader** **AC Hydro Skid Loader**
Parts For IH 1440, 1460 Rotarys & NI 717 Combine **NI 802 w/Harvester** **JD 4425 500 Hrs.** **JD 6600 & 6620 Side Hills**

CORN PLANTERS & DRILLS

30
(2) JD 8250 Drills, Grass Seed & Fertilizer, Never Used, Nice
(2) JD 7000, 4R Dry Fertilizer
IH 800 Early Riser, 4R Dry Fertilizer
Deutz Allis 6R Dry Fertilizer
IH 56 4R Dry Fertilizer, Sharp
IH 400 Air, 4R Dry Fertilizer, Nice
IH 400 Air, 4R
IH 400 Air, 6R
AC 333, 6R Dry Fertilizer
(2) IH 56, 4R
JD 1240, 1440, 4R's
JD FB8 17D Disc, Grass & Fertilizer
IH, JD 2R Planters, Pull & 3 Pt.
Oliver 76 Grass & Fertilizer, $800
Ontario Grass & Fertilizer, $500
(2) MF Drills, $375/Ea.

BALERS & RAKES

(3) Bale Rack Wagons, $550 To $2000
NH 276 w/Thrower
NH 269 w/Thrower
NH 273 w/Thrower
NH 273 w/Chute
JD 336 w/Kicker
NH 56 Rake
MF 1560 Belt Round Baler
Gehl 1500 Belt Round Baler
IH 241 belt round baler
NH 852 round baler auto wrap

COMBINES

MF 510 diesel, nice
MF 510 diesel, nice
MF 410 diesel, nice
Late JD 7700 hydro diesel, turbo w/4WD, out of wheat harvest
JD 4400 gas
NI 705 diesel, w/717 combine 4R 30" corn, 4R 38" corn, 13' grain
NI 729 husker & 767 harvester w/pickup & corn head
AC-K w/12' flex & corn, 1 owner, nice
White 8600 hydro diesel, 4R 38" & 4R 30", 15' flex out of wheat, 6R 30"
IH 80, 7' Pull Type
1979 IH 715, Hydr. German Diesel, Sharp
1980 IH 1440 Rotary w/Heads
MF 82 w/12'
AC N6 Rotary 4WD w/6 Row 30" & 15' Flex
JD 7700 Hydro Diesel
Late JD 8600 Hydro 404 Diesel
MF 750 Hydro Diesel
Late MF 550 Hydro Diesel, 4x4
AC F Diesel w/Heads
1977 MF 510, Hydro Diesel
1975 8600 Side Hill, Diesel
1981 AC, N5 Rotary Combine
JD 7720 hydro diesel, 1800 hrs.
NH TR 85, hydro, Cat diesel
Late IH 915 hydro diesel, turbo
ACK w/cab And Heads
ACA w/grain, 2R 30" or 3R 30"
NH TR70 Cat diesel, hydro
AC F2 diesel turbo, hydro
JD 6620 diesel, hydro, $15,000
JD 7700 dsl. gear drive w/heads
1979 JD 4400 3000 hrs., nice
JD 4400 diesel w/heads
1979 JD 4400 diesel

Financing or Lease Available

1976 AC F D w/choice of heads
1979 MF 550 hydro D
MF 760 diesel, turbo, hydro
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed
Late IH 715 w/German diesel
NH TR70 Ford diesel
Choice Of Heads

HARVESTERS & UNLOADING WAGONS

IH #10 flail chopper
NH 770 w/ear corn hopper & screens, 2x30" corn & open end pickup
(2) NH 38 6' Flail Choppers
Gehl 6' Flail Chopper
NI Uni Hay Pickup
NI Uni 767 Harvester
(2) IH 120 Tandem unloading wagons, nice
HEADS: JD 2R 30", 2R 38"; 1R fits 38", 3800, 35, IH 2R 30", 2R 38", fits 720 & 830, NI Uni 2R 38", 3R 30"
NH 892 w/2R And Pickup
(2) bin corn wagons, $600, $800
Fox 2300 & 2R cord belt type
IH 7&1 w/2R & pickup
Gehl 3R harvester head, $750
Gehl CB800 w/2R 30" corn
(3) IH 720 w/2R corn & pickup
JD 15A 5'
(2) JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 850 P/U & corn head
(2) JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
Coby 3 beater unloading wagon w/ roof
Badger 3 beater, roof unloading wagon
(3) Gravity Boxes w/Wagons

NI 709-802 4x4 Kit

MOWERS/ ROTARY MOWERS

12' Bush Hog
5' 3 Pt. finish mower, $685
USED 3 Pt. 5' Finish Mower w/4 Gauge Wheels, $850
JD 6R Rotary Hoe
IH 40, 6R Stalk Cutter, $1500
AC trailer type belt drive
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 14' 1408., 3 pt
JD 15' #737 rotary mower
NEW 11' rotary mowers HD up to 125 HP

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

GOOD RUNNING MOTORS

Tractors: JD: 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 2020, 1010. IH: 1066, 966, 856, 806, 756, 706, 656, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M. AC: D15, D17, D19, WD, WC, XT 190, 210, 220, CA, C. Case: 530, 300. Ford: 8N, NAA, 800, 871, 3000, 4000, 5000, 9600
Combines: JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300. IH: 1460, 1440, 915, 815, 715, 615, 315, 205, 203. AC: L, M2, F, C2, G, E. MF: 760, 750, 510, 410, 300. NI: V6 gas & diesel

(2) IH 6 cyl. gas w/clutch
Chrysler Ind. 8 cyl. w/clutch
6 cyl. Hercules w/clutch

HAYBINES

NH 1495 gas, cab, 12' good rolls
NH 495 12' pull type
NH 411 Discbine
NH 477 7'
Gehl 440, 9'
NH 499 Hydro Swing, New Rolls, $5,950
NH 469 9'
MC Rotary Scythe
MF Flail Mower
Heston 1010 Hydro Swing
IH 990 9'
NH 477 7'
JD 1209, 9'

Dismantling For Parts:

Balers	Mowers
Combines	Pickers
Cultivators	Planters
Discs	Plows
Drills	Spreader
Harvesters	Tractors
Haybines	

35 DISCS & ROLLER HARROWS

JD 220, 20' offset
IH 475 hyd wings, 18'
Brillion 12' inside wheels
JD 210 14' Black Gang
(3) JD 360 Off-Set 12 & 14'
Miller 20' Offset Hyd. Wing
Bush Hog 12' Offset
IH 475 18' Wing
JD 230 22' Rock Flex Hyd. Wing
JD 230 22' Hyd. Wing w/24" New Blades
Kewanee 730 Rock Flex, 20' Wing
(2) IH 500 14'
JD RBW 12' Plowing Disc
IH 25' Hyd. Wing
White 252 10'
(10) Older 7' To 14'
JD 950 11' Inside Wheels
(2) JD 10' Outside Wheels
McKee 18' Hyd. Wing Field Cultivator w/Rolling Basket
Brillion 18' Wing Wheel Harrow

EXTRA CORN HEADS & GRAIN HEADS

200 To Choose From 2, 3, 4, 6 Row Corn Heads. All Size Grain Heads, Flex & Ridgid

60 PLOWS

IH 510, 5 Bottom, 16"
IH 6X 16" spring reset
IH 5X 16" spring reset
IH 450 3 Pt. 3 Bottom 16", Reset
JD F145 4&5 Bottoms
IH 710, 7b 16" Spring Reset On-Land Hitch
IH 700, 7x16" On-Land Hitch, $2,675
(4) JD 2500 Spring Reset Plows 5x18, 6x18
IH 720 6x18, Toggle Trip
(8) JD 1450 6x18, 5x18, 5x16
White 549 5x16 Trip
Ford 4x20 Roll Over
JD 3x18 Or 4x18 Roll Over, 3 Pt.
AC 6x16" Monoframe
IH 5x16 Spring Reset
IH 4x16 Spring Reset
2, 3, 4 Bottom 3 Pt. Plows
IH 2, 3, 4 Bottom Fast Hitch
2, 3, 4 Bottom Drag Plows
White 466 Chisel Plow, 8T
Massey 10 T Chisel Plow

SPREADERS

Hawk Built Tandem Tank, Right Hand
NH 668 tandem wheel tank, right hand
NH tank spreader
NI tandem
NH 667 tank rt. hand throw

LOADERS

New IH 2255, 4x4 loader, list $5,900, Sell $3,875
Dunham loader w/hyd. bucket, $1,800
IH 424 & 444
AC D15-D17
Snow blades for loader or front mounted
IH fits Super M
JD 45 loader
NI w/hyd. bucket

WIDE FRONT ENDS & DUAL WHEELS

2 Sets IH 5088 & 1566, 20x38 Duals
2 Sets 20x38, 15x38, 16x38, 18x26, 18x34, 16x38 Duals, $950
WF Ends: IH: 460, 560, 706, 806, 856, 756, 1256. AC: D19. Ford: 5000. MM: G1000. Oliver: 88, 1800. JD: 2510 thru 4020, 4020 WF. 2 sets of 1834 duals. C Or Super C w/Wide Front.

CORN PICKERS

NI Uni Husking Unit Off NI 705
(2) NI 310 1R
Late NI 323 Real Nice, $2,675
NI 323 Real Nice, $2,800
IH 460 w/IH 2 MH Mounted
(3) NI 324 2R 38"
(2) NI 325 2R 30"
(20) NI #10 1R
JD 300 w/2R 30"
(2) NI 318 14
1R's, 2R's, 38", 2R's 30", 10 To Choose From
Other Makes & Models Available

NEW FARMCO ITEMS

Bale wagons, 20' cattle feeder w/wheels
Cattle feeder, w/legs

MISC.

(2) 30' Bale & Grain Elevators
Lincoln generator welder on trailer, $950
NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
JD elevator w/drag elevator
New Case backhoe loader bucket
IH & JD mowers

GRINDER/MIXER

NH 357 w/Extended Auger, Nice
NH 354 w/extended auger, nice $3850
NH 358 long extension auger
IH 1150 $1875

TRACTORS

AC WD Gas
IH 560 Diesel
Ford 8N, 3 Pt.
Ferguson 30, 3 Pt.
IH 560 Diesel New Motor
IH 460 gas w/loader
Gehl Skid Loader, w/3 Buckets
Farmall 340 NF, PS, Loader
Farmall 340 Utility, PS, Loader
Farmall 606 Utility, PS, Loader
Ford 3000 Gas, PS w/Front Snow Blade
IH 560 Diesel, WF, w/Full Hydraulic, Loader
IH 460 Diesel, Loader Backhoe
JD 4010 Diesel, NF, $5,500
Ford 8N, Real Good
IH 450 Gas, PS, Fast Hitch
IH 450-400 diesel w/belt pulley
IH 1466 black stripe, cab, dual hyd. 1000 & 540 PTO, new paint
Farmall 656 WF, 301 Diesel Engine
Farmall Super M, M&W Live PTO, New Paint
Late Ford 7000 Flat Deck Diesel, WF, ROPS w/Roof
Ford 5550 Diesel, Loader Backhoe w/ Cab
Farmall Super C, w/Fast Hitch
Michigan 4WD Pay Loader, $6,000
(2) JD 5010 Diesel Self-Loading Pans
JD 4230 Diesel Power Shift w/JD Cab, 3300 Hrs., Real Nice
JD 4230 4 post, cab
JD 4230 Cab & Quad
IH 784, 4x4, New Paint
Farmall Super M w/Fast Hitch, Power SOLD New Paint
Case Vac, New Paint
MF 85 gas, 3 pt.
AC D17 diesel, WF
Farmall 400 diesel, PS, real nice
IH 340 Crawler Loader w/4-N-1 Bucket
Farmall 706 diesel
Ford 600 Forklift
Ford 7000, flat deck w/canopy
Farmall 656 gas, WF, $3,950
JD MT
(4) Farmall F20 2 motors stuck
Oliver Super 66
Oliver 66 gas, nice
Oliver crawler w/roll guard
Ferguson 30, 3PT, $1,950
Oliver OC3 crawler, wide track & PTO
Case 4WD Pay loader, $3,000

Tractors for Salvage

IH: 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD: M, 4230, 4020 dsl., 4010, 3020 dsl., 3010, 2510, 2020 dsl., 2010, 730D, 720, 520, 430, 420, 70, 60, 50, A, B. AC: 5050, AC 200, 190XT, AC 170, 180, AC 185, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case 600, 530, 440, 310, 300, DC, SC, VC, VAC. Ford: 9600, 6000, 5000, 4500, 4100, 4000D, 3400 ind., 960, 861, 860, 800, 800, 641, 600, 8N, 9N Ford major, 5000. Oliver: OC3 Crawler, OC6, 1800, 1600, 880, 770, 550, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990. Nuffield & 345 Leyland, gas. AC: HD 5 crawler ldr., 200. Sheppard diesel.

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J & L hay-saver feeds 20 cattle.

New, improved, round hay-bale feeder feeds large or small hay bales along with square bales. It proves to save hay. This feeder is built of heavy 1¼" pipe and ¼" steel for ring. Available with ¼" steel or treated ¾" plywood floors. This 1,200 lb. feeder is built to last.

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- Case IH 885
- Case IH 7120
- Case SC Tractor
- Case 430
- Case 630 — $1,500
- Case 870 Tractor
- Case 1370
- IH 856 w/Loader
- IH 2500A Tractor w/Loader
- David Brown 990 w/Loader
- Int. 674
- Int. 886
- Farmall H w/Loader
- Farmall 300
- Ford 8N
- Farmall 350
- JD 2955 w/Loader

TILLAGE
- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Case 16" Reset Plow, 5 Bottom
- IH 710 5-Bottom Plow
- JD 6-18 Plow
- JD 1120 Disk
- Bush Hog 15 Ft. Disk
- Case 7 Tooth Consertil
- Landoll Consertil, 7-Tooth
- Ford 10 Ft. Disk Harrow
- IH 720, 18" 5-Bottom Plow

HARVESTING EQUIPMENT
- Hesston 2000-100 Harvester
- NI 717 Combine
- NI 844N
- NI 315 Sheller
- NI 324 Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box

MISCELLANEOUS
- Farmaster Tumble Mixer
- Kverneland Bale Wrapper
- NH 36 ft. Elevator
- Gehl 99 Blower
- NI 620 Blower
- Automatic Roller Mill
- NI 213 Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- HM 1674 Spreader
- Gehl 250 Spreader
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- High Rise Cart
- IH 5100 Drill
- JD 8300 Drill—Soybean Special!
- Martin's Equalizer
- NI 3622 Spreader
- NI 3626 Spreader
- Ford Loader
- 3 Axle Low Boy Trailer
- 2 Axle 5th Wheel Trailer
- Miller Spreader

LOADERS
- Case 530 Backhoe
- Case 1835B
- Case 1835C
- Case 1835 Gas
- Case 1830
- Case 1845C
- Loader For Case 530
- Case 1845 Diesel
- NH 555 Skid Loader
- Case 1845B Diesel

HAY EQUIPMENT
- Hesston 1150 Mower Conditioner
- NH 78 Baler
- NH 479 Haybine
- NH 278 Baler
- NH 1495 SP
- Hesston 1014's, $2,600
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- IH 445 Square Baler
- IH 1190 Mower Cond.
- NI 486 Round Baler
- (2) Case Int. 8330 Windrower

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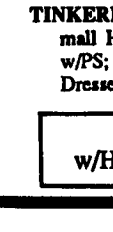

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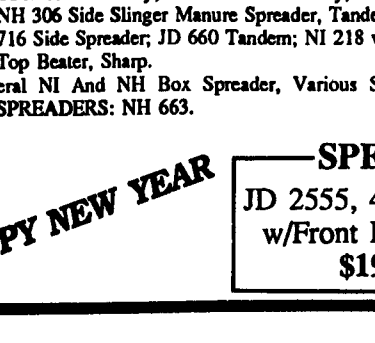

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DOZERS w/ALL WAY BLADES: Fiat Allis FD7; AC 653, H3; JD 350C.
CRAWLER/LOADERS: Cat 955; Cat 941; Case 450; JD 350.
ARTICULATING LOADERS: Fiat Allis 745, 545, 345B; AC 840, 640.
IND. WHL. LOADERS: AC 615; MF 2135; IHC 2410B.
FORKLIFTS: AC 706, 600, D15; Pettibone 4WD B66.
SKID STEERS: Case 1845; JD 575; NH 553; Bobcat 743.
3 PT. HOES: Arps 56, 728; Kelly; Ford; Davis.

MISCELLANEOUS EQUIPMENT

Army GMC Cargo Truck, 6x6, 2½ Ton.
York Heavy Duty Pull Type Road Rake.
Ford Lane Paver Model A-2.
Vermeer Stump Grinder And Dynavent Bale Chopper, 3 Pt.
HYDRO LADDER APPLE PICKER. 4500 KW Generator.
TRAILERS: Int. 7 Ton; General 10 Ton Tandem Axle.
SPRAYERS: Hardy 160 Gallon; Myers 100 Gal. 3 Pth.; JD 535 Trailer Sprayer. Assorted Trailer And 3 Pth. Sprayers. BCI 300 Gal. Sprayer Tank On Trailer; Century 300 Gal. Sprayer On Trailer. Rotomist 100G Air Sprayer.
FEEDER WAGONS: Knoedler Feeder Wagon; Knoedler Dial-A-Mix Wagon; B-Z Flow 220 w/Grain Wagon; Kilbros 250 Grain Wagon; Schuler 175B.
TMR MIXER WAGON: Lucknow 285; Steiner SM165 w/Scale; Farmhand Tub Grinder; Case/IH 8610 Bale Processor; Hesston #10 Stack Hand And #10 Stack Processor; Cardinal Auger Grain Elevator; Westfield 8x51 Ft. Grain Auger; JD 30 2 Row Potato Digger; MC 3 Pth. Lawn Genie Pick Up Mower; Vail Rock Picker; Jobber Rock Windrower; Vermeer Trencher; Agri-Metal Bedding Chopper; A&W 250 Hp. Dynamometer; York Grader (Towable); 4 Wheel Pull-Type Antique Road Grader; Fransgard 3 Pt. Log Winch; Care Tree 30" Tree Spade; Vermeer Tree Spade; Used Cab For AC 190 Or 200. LARGE SUPPLY OF FRONT END LOADERS AND CABS FOR VARIOUS MAKES OF TRACTORS.
TINKERER'S ROW: AC D15; AC B; AC 175; Ferguson 20; Farmall H; Farmall 460 Diesel; JD 2020 Diesel; JD 3020 Dsl. w/PS; Haybuster No-Till Drill; AC D15 3 Pt. Cultivator & Side Dresser; Case 310C Loader w/Ripper.

NI 2R Corn Pickers N&W Row w/Husking Beds And Shellers, In Stock

PLANTING EQUIPMENT

Brillion 8' 3 Pt. Cultiseeder; Brillion 3 Pt. Sure-Stand Seeder; JD 8250 Disc Grain Drill, Like New; AC 2-4-6- Row Corn Planters; JD 2 Row 3 PTH Corn Planters; Int. 250A Trailer Corn Planter; Lilliston No-Till Seeder; Brillion 10 Ft. Cultimulcher; JD 2 Row Tool Bar Corn Planter 3 Pt.; Cole Powell Multiplex Planters.

TRACTORS

AC: 7040 Powershift, 7010 w/Cab PS, 7000, 190XT Diesel, 180 Diesel, D17, D15, D12, D10 w/Woods L159 Mower, 5020 Compact Diesel w/Woods Mower, Tiller And Mech. Mulch Layer, WD45.
JD: 4440, 4250 w/Cab 4WD; 4050 w/Cab 4WD, 2940 w/Ldr., 3020, 3010, 2555 4WD, 70 Diesel Std., 520.
FORD: 7610, 4000 w/Ldr., 3000, 2600 w/Mower, 601, 8N.
FERGUSON: 165, 85, 135 w/Ldr., 20 w/Ldr.
IHC: 806, 686, 140 w/Cultivator, 100 High Clearance, Super A, 504 High Clearance.
CASE: 570 w/Cab, VAC, 530.
SAME: Saturno 80.
KUBOTA: M8950DT w/Cab Demo, M7950 2WD, B8200DT w/Ldr., B8200E w/Mower, B5100E w/Ldr.
OLIVER: 55 Diesel.
WHITE: 288 4WD w/Cab.

MANURE EQUIPMENT

LIQUID: Hawkbilt 3220 Gal.; Hedlund Martin 2900 Gal. And 2400 Gal.; Betterbilt 1500 Gal.; Clay Honey Wagon- Vacuum; Leftover Wic 2100 Gal. Tandem Axle Liquid Spreader- Discount Price.
Gehl 309 Side Delivery; NH 304 Side Delivery; NH 307; New Ford NH 306 Side Slinger Manure Spreader, Tandem Axle; Knight 716 Side Spreader; JD 660 Tandem; NI 218 w/Hyd. Tailgate, Top Beater, Sharp.
Several NI And NH Box Spreader, Various Sizes. BARREL SPREADERS: NH 663.

HAPPY NEW YEAR

SPECIAL
JD 2555, 4WD Tractor
w/Front End Loader
$19,800

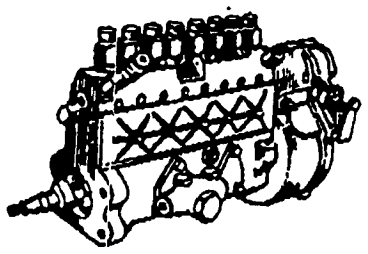
HAY AND FORAGE

RAKES: NH 256 & 258 Side Rakes; JD 660 w/Dolly Wheels. NI Rakes; Fahr Four Star Centepede Tedders; New Tonutti PTO Trailer Rotary Hay Rakes, 9' Or 11'8"; New Deutz Fahr KS2.60 Dual Rotary Rake w/Hyd. Fold For Easy Transport- 19½ Ft. Working Width; Vicon 3 Pt. Tedder Rake.
NI 406 9½ Ft. w/Dolly Wheels; Hesston Discbine Reconditioned Cuts 9'6".
Hesston PT7 Mower/Conditioner.
HAYBINES: NH: 469, 472, 477, 489. HESSTON: 1070, 1071, 1090, 1014 Hyd. Swing. NEW IDEA: 270, 272 Cut/Ditioners.
ROUND BALERS: Hesston 530, Like New; JD 410, JD 330, NI 483 & 484; NH 847. SQUARE BALERS: JD 336; NH 68, 315 & 320. SQUARE BALERS w/KICKERS: NH 273, JD 336, 337.
FORAGE HARVESTORS: HESSTON: 2000-100, 7020 w/Your Choice Of Heads, 7140; NH 782 Chopper w/824, 2R Head.
LARGE SELECTION OF PICK UP AND CORN HEADS - CALL FOR YOUR NEEDS.
GRINDERS/MIXERS: Artsway 425A; Gehl 100 Hyd. Drive w/Scale; JD 700 Mixer Mill, IH 1250.
NI 310 Picker.
Kasten 22 Forage Wagon, Tandem Gear; Lamco Forage Wagon w/Roof, 3 Beaters.
JD 3300 Combine w/13' Grain Head.
Gleaner K Combine w/10 Ft. Grain Head.
CHOPPERS: NH 36 Flail; 718; JD 15A Flail; FORAGE BLOWERS: NI: 620, 622. GEHL 1580 Blower; NH Super 23.
10'x24' Tandem Axle Hyd. Dumping Round Bale Hauling Trailer.
WHITE TOP HARVESTOR SILO, 20x32 w/Unloader, Torn Down Ready To Load, Delivery Available.

TILLAGE EQUIPMENT

Tandem Discs: IHC: 350 Smoothing 14 Ft.; 37 Smoothing 14 Ft. **WHITE:** 13 Ft. **BUSH HOG:** 12 Ft.; 14 Ft. Plowing; 13 Ft. Smoothing. **MASSEY FERGUSON:** 10 Ft. Leveling; 12 Ft. Smoothing. **KEWANEE:** 800 Super Flex 14 Ft.; 13 Ft. Rock Flex. **JD:** RWA 13 Ft. Smoothing; BWA 12 Ft. Smoothing.
OFFSET PLOWING DISCS:
BUSH HOG: 12 Ft. Reconditioned; 9½ Ft. Heavy Duty. **MILLER:** 11 Ft. 3 Bar; 14 Ft. **KEWANEE:** 12 Ft. Demo. **ATHENS:** 11 Ft. Tandem.
PLOWS: FERGUSON: 2 Bottom 3 Pt. **MH:** 2 Bottom w/Depth Wheels. **BUSH HOG:** 8 Shank Chisel Case. **IH:** 9 Shank Chisel.
JD 3 PTH Chisel Plows; JD 2600 Auto Reset; IHC: On-Land Hitch 710 6X; 720 8X; 735 Variable 5X. 7-14 Shank 3 Pt. Chisel Plows.
BRILLION: 16 Ft. And 18 Ft. (Danish Tine) Spring Tooth Harrows.

Diesel Injection Pumps



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USED FARM EQUIPMENT

- **1988 Case 275 72" mtd. mwr. +- 900 hrs. $6,996**
- **1990 Kubota F2100 4WD w/72" mwr. 20 HP, 1100 hrs. $8,500**
- **Gravely 5645 40" com. mwr. Dual wheels, steering brakes, sulky $1,195**
- **BMC Backhoe 3 pt. hitch $2,600**
- **Ohio manure spreader $900**
- **Yale Fork Truck $4,500**
- **Ford 1710 4WD, 26HP, 1986 w/Frt, End Ldr., 1100 Hrs. Rebt. Eng., Ag tires $9,800**
- **Kubota 422, 3 pt. tiller, 42" wide $650**

NEWARK KUBOTA
Rt. 10 Newark
(302) 737-3100
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TRACTORS

MF 1135, 20.8x38 tires w/cab
MF 275 diesel w/38" rubber
MF 275 diesel 28" rubber, cab
MF 175, diesel, 28" rubber, good running tractor
MF 165 diesel, good rubber
MF 135 gas, new paint, new rubber
MF 135 ga[illegible]95 hrs, sharp
MF 85 gas narrow front
MF 65 gas w/38" rubber
MF 50 gas, sharp
MF 35 Gas w/power steering
455 DA quick attach loader

EQUIPMENT

Athens 7 tooth chisel plow
NH 30' Elevator w/motor
IH 510 grain drill, 7x18
Farmhand mix mill 817, sharp
MF 4 bottom, semi mount plow
Athens 11 1/2' disc harrow — 14' wing disc
Cultipackers: 14', 12' and different sizes
JD 10' cultimulcher
Used Brillion cultipacker and cultimulcher parts
New farm and corral gates
MF Tractor parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 135, 150, 165, 175, 178, 180, 285, 399 4WD; 1080, 1085, 1100, 1130, 1135, 1150 w/cab, 1155, 3680, MH 44, NH 785 skid ldr.

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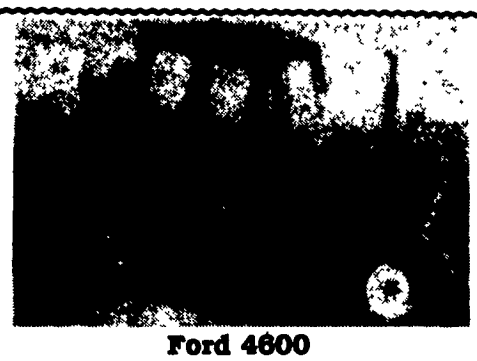
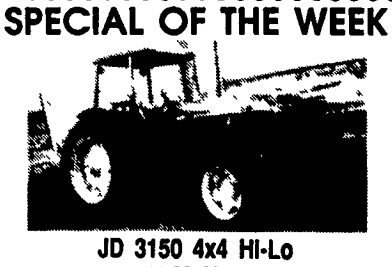


Ford 4600
Cab, Diesel
$4,000

1987 Mustang 342 skid loader, runs good $5,200
Belarus 520, 4WD, cab, low hrs. $5,500
Bobcat 2000 Art. Wheel Loader, runs good $6,800
JD 950 w/loader, 2WD, no power steering $4,800
NH 855 round baler, hyd. tie $3,500
NH 352 grinder mixer $1,500
10' chisel plow, hi clearance, gauge whls $750
Huff 80 Art Wheel Loader with hole in block $4,000
Case 580CK, gas, runs good $4,800

410-429-1927 or 410-857-7102

SPECIAL OF THE WEEK



JD 3150 4x4 Hi-Lo
1540 Hrs.
$21,500.00

IH 1586, cab, air, duals $12,000
IH 1066 w/cab & air ..... $ 6,750
IH 1066, black stripe, cab, air, 2,400 hrs. $10,000
IH 856, fenders ..... $ 4,700
IH 766, cab, TA ..... $ 7,000
IH 685 w/loader, shuttle shift $14,250
IH 574, diesel w/TA ..... $ 7,200
IH 186 hydro, cab & air $13,500
MF 3680, 4x4, low hrs. ..... Coming In
MF 1150 SOLD ..... $ 4,500
MF 360, 4x4 w/loader $14,000
MF 285, multi power ..... $ 8,900
MF 270, 1,100 hrs. ..... $ 8,900
MF 255, diesel, low hrs. ..... $ 7,500
MF 165, 8 spd. w/loader ..... $ 7,500
MF 50C w/loader, shuttle shift ..... $ 8,000
Ford 7600, 4x4, fenders, DP ..... $ 9,500
Ford 6600, 4x4, needs work
AC 6060, 4x4 w/loader ..... $ 8,500
AC 200, new motor & tires ..... $ 6,500
Oliver 1755, 1,900 hrs ..... $ 5,200
JD 3150, 4x4, hi-lo $21,500
JD 2955, cab & air, nic SOLD $21,000
JD 2520, diesel, WF, SR ..... $ 8,000
JD 2510, gas, 2 remotes ..... $ 4,500
JD 1250 w/loader, 4x4 ..... $11,000
JD 420 w/loader ..... Coming In
JD 350B loader ..... $ 8,500
JD 4010 diesel tricycle ..... $ 4,800
JD 60, tricycle ..... Coming In
Deutz Allis 6260 ..... $ 8,800
Deutz 6807 ..... $ 4,800
Deutz DX160, 4x4, 4 post $10,200
JD 111 10' disc ..... $ 1,500
Taylorway 7' Soil Saver ..... $ 3,900
21' White Field Cultivator, Hyd. Fold ..... $ 1,750
AC 1300 25' Folding Field Cultivator ..... $ 2,500
Woods 10' Offset Mower ..... $ 2,500
MF 880 4 & 5 btm. reset plows ..... $ 1,000 & $ 1,200
KMC 11' chisel plow ..... $ 850
IH 450 auto plow, 3X ..... $ 1,750
Oliver 348 3x auto plow ..... $ 1,250
MF 13' Flex Head UII ..... $ 2,800
MF 15' Flex Head ..... $ 1,900
MF 20' Flex Head ..... $ 1,900
IH 7 Shank Auto Reset V Ripper ..... $ 4,900
18.4x38 & 20.8x38 duals ..... $ 1,000
14' Transport Packer ..... $ 1,800
Better Bilt 1500 Gallon Top Fill Spreader $ 2,200
IH 575 spreader ..... $ 1,500

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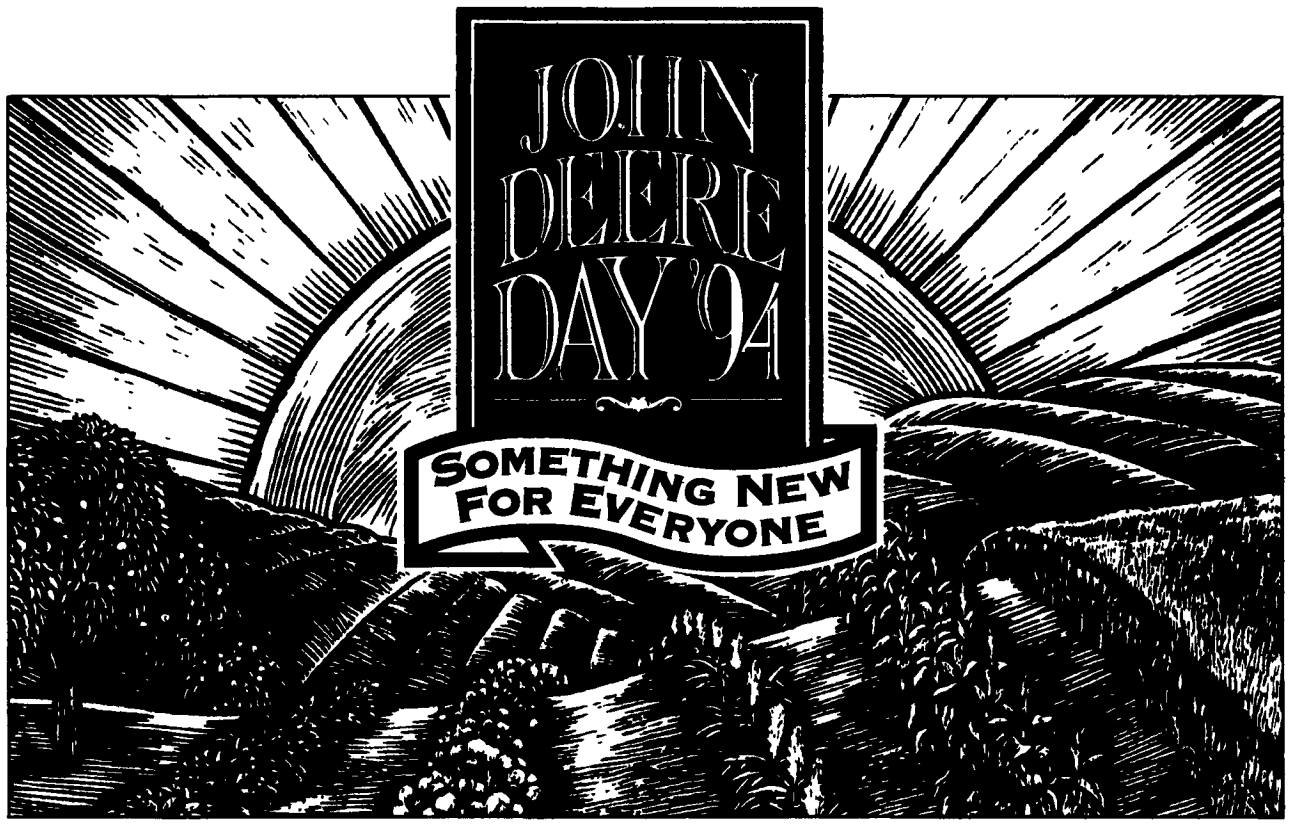

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Make plans now to attend John Deere Day '94. You'll see the brightest ideas in technology and new John Deere equipment designed for the way you farm, including:

- New 92- and 100-hp Tractors
- New 4WD Tractors
- New Corn Heads
- New MoCo's
- New Disk/Ripper
- New Rotary Cutter

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Time 2 Shows - 10 AM & 7 PM

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January 3rd thru January 28th, 1994

Mon. thru Fri. 7 AM to 5 PM, Sat. 7 AM to 12 Noon ***All Items Subject To Availability***

USED COMBINES

1982 MF 850 With 15 Ft. Floating Head	$23,000
1982 MF 860 With 15 Ft. Floating Head	$22,000
1981 MF 860 With 15 Ft. Floating Head	$22,000
1980 MF 550 With 13 Ft. Floating Head	$21,000
1979 MF 550 With 13 Ft. Floating Head	$16,000
1978 MF 540 With 13 Ft. Floating Head	$11,500
NI 710 With 713 13 Ft. Grain Head	$800
NI 843 N 3 Row 30" Quick-Tach Corn Head	$1,200

USED TRACTORS

MF 3660-4, 140 HP, 814 Hrs.	$52,000
MF 3525-2, 110 HP, 2882 Hrs.	$18,500
MF 374-4 With Loader, 57 HP, 735 Hrs.	$21,000
MF 390 Tractor, 70 HP, 750 Hrs.	$16,000
MF 1085, 82 HP, 3980 Hrs.	$7,500
MF 1080, 82 HP, 5516 Hrs.	$5,000
MF 1030-2, 26 HP, 232 Hrs.	$6,700
MF 1035-2, 31 HP, 185 Hrs.	$7,600
MF 1045-2, 35 HP, 262 Hrs.	$7,900
MF 30E With Loader, 668 Hrs.	$19,500
MF 265, 65 HP, Diesel	$9,000
IH 350 Tractor, 42 HP, Rebuilt	$2,900
Ford 9N Tractor	$1,500
Allis CA Tractor SOLD	$1,200
MF 285 82 HP	$5,900

HAY EQUIPMENT

New Idea 483 Round Baler, 1 Yr. Old	$6,900
MF 128 Baler	$2,200
Demo Vicon 1511E 5x6 Round Baler	$9,900
Demo MF 5 Big Square SOLD	$36,000
Used Vicon 1211 E 4x5 Round Baler	$6,500
Demo Vicon 321 Disc Mower Conditioner	$12,500
Demo Vicon 216 7 Ft. Disc Mower	$3,900
Vicon KM240 Discbine, Parts	$900
Teagle Bale Shredder	$1,900
Vicon RS740 Tedder 24 Ft.	$4,500
Vicon KM281 Mower Conditioner	$6,500
Vicon 321 Mower Conditioner	$7,500
New Holland #848 Round Baler	$5,500

PLOWS & TILLAGE

JD 10 Ft. Disc	$800
M&W 5 Tooth V-Ripper	$5,700
Vicon 18 Ft. Field Cultivator	$6,900
MF 2-16 Spring Trip 3 Pt. Plow	$650
Yetter 3 Pt. Rotary Hoe	$2,695
Pequea 6 Row Cultivator	$2,100

MANURE & FEED MIXER EQUIPMENT

SFM Liquid Spreader, 1100 Gal.	$5,900
IH 595 Tandem Spreaders	$3,900
NI 364 Tandem Spreader	$4,500

ROTARY CUTTERS & EQUIPMENT

Hinicker Brady 12 Ft. 1000 RPM Shredder	$5,500
Woods 60 HP Rated 8 Ft. 3 Pt. Blade	$650
7 Ft. 3 Pt. Scraper Blade	$305
Brady 7 Ft. Flail Chopper	$2,500
Danuser 3 Pt. Post Hole Digger	$650
Shaver 3 Pt. Hydraulic Post Drive	$2,500

WOODS

20 NEW WOODS ROTARY CUTTERS IN STOCK AT JANUARY DISCOUNT PRICES!

THE CLAAS HARVESTER

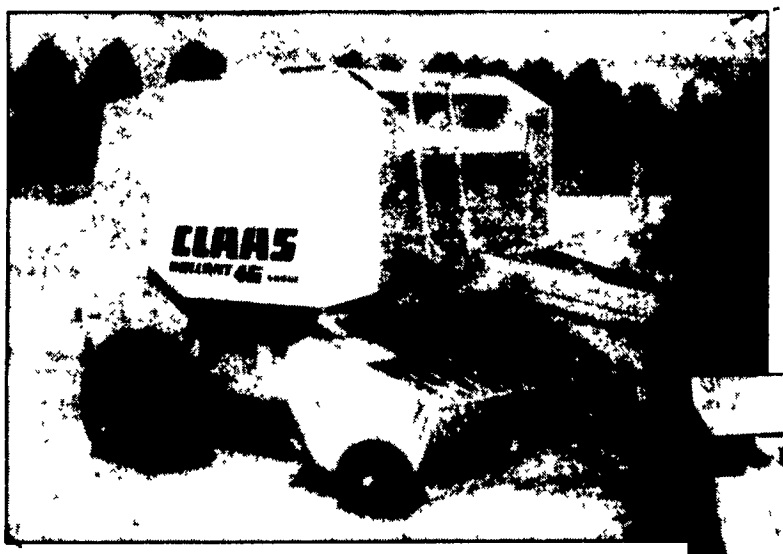
MAXIMUM FEED QUALITY

To ensure maximum feed quality from maize it is vital to crack every kernel. Digestion of uncracked maize falls as the maize becomes drier. Independent trials have shown the Claas corn cracker to be close to 100% effective From the cylinder the corn passes through the two large diameter rollers with saw tooth profiles. The rollers run at different speeds to intensify the grinding effect and open up each kernel. It is a fairly tough process so the latest generation of corn crackers take account of the wear involved on the rollers. Nothing can reduce the wear but Claas have cut the cost of repair by making the outer sleeve replaceable. The shaft, drive pulley and bearings can all be reused which cuts down repair bills dramatically. Adjusting the distance between the two rollers is accomplished by turning two handles, easily accessible behind the cab. In no time at all the degree of cracking can be matched to the ripeness of the crop.

Call Today For The Custom Harvester In Your Area Equipped With A Claas Harvester And Roller Mill

RELIABILITY

The CLAAS Cutterbox is a unique balanced design using 2 knives in a V configuration. This forces the cutting action toward the center instead of the outside. This is the secret of their horsepower requirement and good quality of cut.



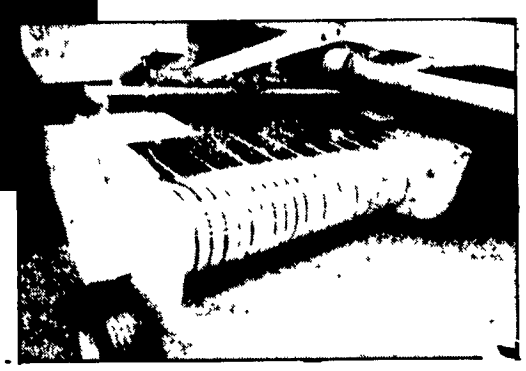
Hard to feed crops are aggressively fed right into this baler. Now you can cut and bale rye, barley and oats at boot stage. Bales fall apart - you can throw them down a hay hole and feed them with a fork.

The New
ROTOCUT SILAGE BALER

Cuts Your Crop As It Is Forced Through A Series Of Knives.

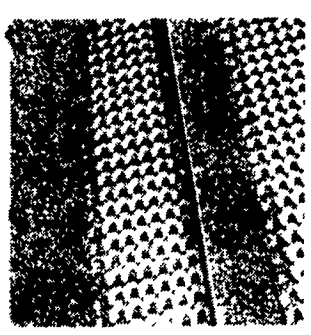
The Benefits:

- **Even higher bale density**
- **Easier distribution of bale contents**

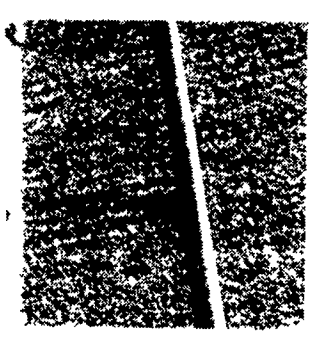


MASSEY FERGUSON

COMBINING SLOPES — THE MF 3-D CLEANING SYSTEM



Normal cleaning across slopes



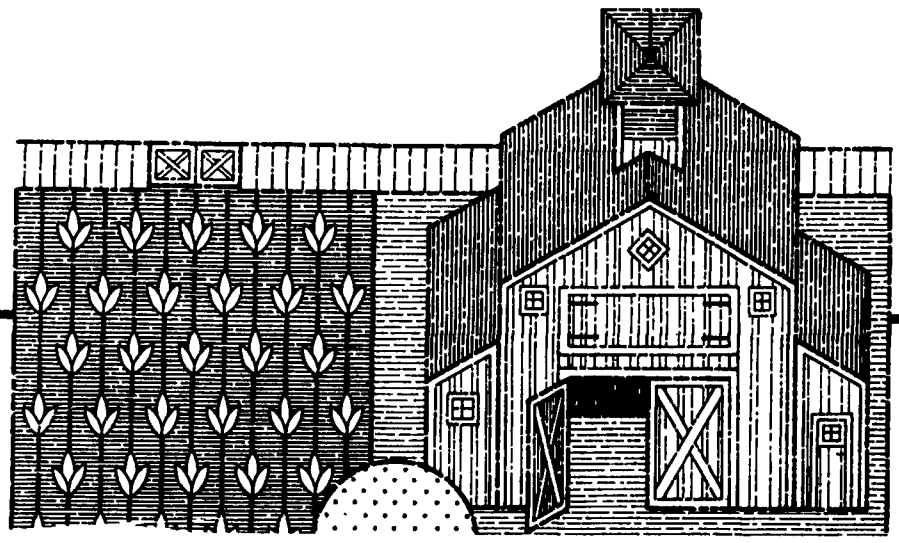
3-D in operation

With the MF 3-D system you can operate at the same speed on slopes as on flat land. Daily performance can be maintained.

The 3-D cleaning system provides dynamic slope compensation which means that the upper sieve moves sideways against the slope of the hill. The degree and direction of these movements depend on the inclination of the slope. Quick reaction and of course equal performance in any direction on slopes of up to 20%.

With the MF-3-D cleaning system, the crop is distributed evenly across the full width of the sieves, performance remains stable and output maintained.

1 FARM EQUIPMENT



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NEW EQUIPMENT IN STOCK

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Case IH 2250 Loader w/Mounts For 85 & 95 Series Tractors
Case IH 415 Packer Mulcher, 10'1" Demo — $4,950!
Case IH 395, 495, and 695 Tractors - 2WD - call for details!
Case IH 1140 Compact Diesel, 2WD, Gear, Turf Tires } SPECIAL CLEARANCE DEAL!
Case IH 1845C Skid Loader, Demo
MAXXUM TRACTOR... 5130, 4WD, Cab..... OLD PRICE!
Case IH 1063 6 Row Narrow Corn Head
Case IH 3900 18'7 Disk Harrow, 7½ " Spacing..... OLD PRICE!
Case IH 3800 12' Disk Harrow, 9" Spacing
Case IH 3800 11½ ' Disk Harrow, 7½ " Spacing
Case IH 496 Disk Harrow, 24' 10", 9" Spacing
Demo! Must Sell!!!
Case IH 181 Min. Till Rotary Hoe
Case IH 900 6-Row Planter, Liq. or Dry
Case IH 183 4 & 6 Row Cultivator

New Haying Equipment

Case IH 8309 Disc Mower Conditioner
Case IH 8340 Mower Conditioner
Case IH 8520 Baler
Case IH 8530 Baler
Case IH 600 Blower

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One Mile North of Boyertown
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Best Buys in Used Equipment

USED TRACTORS

IH 1586, low hrs., very nice
IH 5488, low hrs, very nice
IH 806 w/fast hitch
Farmall Cub w/sickle bar mower
AC 6080 w/cab
JD 2555 w/ROPS

USED HAY EQUIP.

NH 469 haybine
NH 499 12 Ft. Hydro Swing
Pequea PTO SOLD tedder
NH 489 Haybine
New Idea 400 Hay Rake

USED COMBINES

NI Uni 802, 4WD, 2,300 hrs. w/844 corn head w/819 combine w/straw chopper w/813 grain head, very nice

IH 1440 w/electro hydraulics, 643 hrs., excellent condition

Ford 642 combine, 4WD, 4 row wide corn head, 15' grain head
NH TR70
NI 717 combine w/straw chopper
Gleaner F w/4RW corn head, 13' grain head, nice

NEW HAY TEDDERS IN STOCK

1 - Stoll tedder rake

New Vicon Seeders In Stock

USED EQUIPMENT

Ford 145 4 btm. roll over plow
JD 845 3 btm. roll over plow
IH 485 disc harrow, 18', nice
Gehl 910 Forage Box w/10 Ton Gear
A.C. 1200 E-Field Cult. w/harrow
Hesston 1071 SOLD Mower Cond., real nice
IH 496 Cushion Gang Disc Harrow, 24'
Case 10 Ft. Offset Disk Harrow
JD 310 Disk Harrow w/Buster Bar
Int. 3 Bottom Rollover Plow
Ford Model 917 Flail Mower
Int. 461 4 Row Front Mounted Cultivator
Brillion 15 Ft. Cultipacker, Like New
McCurdy 325 Gravity Box
Farm Hand grinder mixer
IH 60 Stalk Shredder

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TRACTORS:

Farmall Cub Lowboy w/Woods L59 Rotary Mower, Late Model 12V
(2) 154 Low Boy w/C3 Mower
IH 460 Diesel Tricycle - Nice Shape!
IH 284 Gas 2WD w/GB Loader
IH 140 w/6 Ft. Belly Mower
Int. 3414D Loader w/Cab, Twp. Tractor
IH 385 4WD w/2200 Loader
IH 2500A w/Loader Shuttle Shift
Ford 2110 Gas w/Turf Tires
Case 2590, 2WD, Cab, Air, 180 HP
JD 301D Utility with Mid Mounted Hyd. Sickle Bar Mower - Real nice... Low Hrs.
JD 2040 w/Triumph Sickle Bar Mower, Hyd. Drive, 1100 Hrs., Like New
Kubota M4050, 2WD, 45 PTO Hp.
Farmall M
Farmall H w/Bucksaw And Woods 5 Ft. Belly Mower

HAY & FORAGE:

IH 440 Baler w/Thrower
IH 990, 9 Ft. Mower Conditioner
Badger Forage Box w/Tandem Axle
Hesston 4500 Wire Baler w/Thrower
Ford 530 Baler w/Thrower

OUTDOOR POWER EQUIP.:

Good Selection Of Older Cub Cadet Lawn & Garden Tractors — All Makes And Models!

JD 21 SOLD n Tractor
1987 Cub Cadet, Model 1872 18HP, w/50" Deck
Cub Cadet 1450 & 1650 With Decks!
Toro 7 Gang Pull-Type Golf Course Mower
(1) National 3-Gang Triplex, 1987 Model, 68" Cut- Was $2,000 - Now $1,800
718K Grasshopper w/52" Deck

Hours: Daily 7:30 to 5; Sat. 7:30 to 3

TILLAGE:

JD 12 Ft. Transport Disk
Case IH 475 Cushion Gang Disk Harrow, 13'5, 9" Spacing

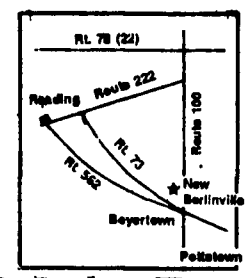
COMBINES:

MF 1144 4-Row Wide CH, Ex. Cond.
744 Wide Cornhead for 715, Ex. Cond.
IH 810 15' Grain Head w/Hart Carter Floating Cutter Bar
24.5x34 Rice Tires & Rims For IH 1420 Or 1620

MISCELLANEOUS:

FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New
Century 250 Gal. Trailing Sprayer
National 3-Gang Triplex 84" Cut, Kohler Engine, Elec. Start
Danuser 2 Pt. Fast Hitch
Post Hole Digger, Nice Shape!
HS 105 Woods Hyd. 3 pt. Hitch Ditch Bank Mower
Morbark Busy Beaver Disk Chipper Trailing Model With Engine, 5" Capacity, Nice Shape!
FMC 500 Gal. Trailing Sprayer w/Boom Piston Pump
4-Ton Tandem Axle Hydraulic Dump Trailer

We Ship UPS Daily!



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New Berlinville, PA
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FAX: 215-367-6715

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IH 966
Black Stripe, 38 Rubber,
Dual PTO
$5,800
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Off Of I83, 5½ Mi. West
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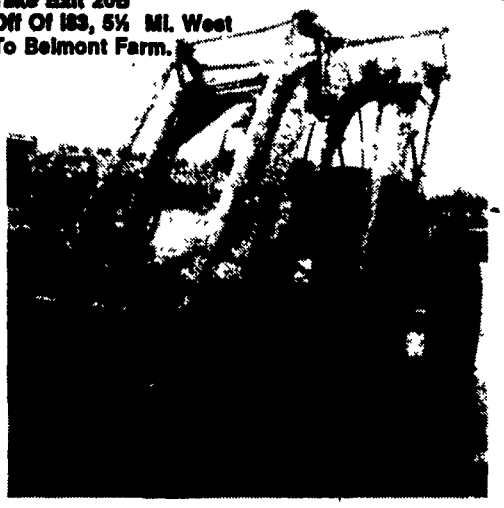

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New Engine & Trans
$6,500
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QUALITY TRACTORS

Case IH 7120 Magnum MFD, Cab, Air, 18.4x38 Axle Duals, 3 Remotes, Front Weights, 1875 Hrs., Excellent
Case IH 5130 Dsl., Cab Air, 4x4, Power Shift, w/ Reverser, 1000 Hours, Excellent Condition, Triple Hyd.
Case IH 895 Diesel, MFD, 1100 Hrs. w/2255 Loader, Excel. Condition
JD 2555 Diesel, Cab, Air, MFD, 540 & 1000 PTO w/245 Loader
JD 2155 Diesel, Indpt., PTO, Excel. Cond.
JD 2950 Diesel, MFD, Open Station, 2680 Hrs., 18x38, Very Nice
JD 2350 Diesel, Fender, MFD Hi-Lo, Indpt. PTO, 15x38 Rack & Pinion, 2100 Hrs., Very Nice
JD 2040 Diesel, Very Nice
JD 2940 Dsl., 4x4 w/260 Loader
JD 4440 Diesel, Cab, Air, Quad, 38" Rubber, Very Nice
JD 4440 Diesel, Cab, Air Quad, Triple Remotes 20" Rubber
1981 JD 4240 Diesel, Cab, Air, Quad Range, 18x38 Radials, 3100 Hrs., Very Nice
1976 JD 4430 Diesel, Cab, Air, Power Shift, 3600 Hrs., Very Nice
1976 JD 4230 Di SOLD Cab, Air, Quad
JD 3020 Diesel, WF, Dual Hydraulic, 4200 Hrs., 1 Owner, Extra Good
JD 2030 Diesel, Hi-Lo, Indept. PTO, Roll Guard & Canopy, 2400 Hrs., 15x38 Rack & Pinion, 1 Owner, Excel. Cond.
JD 630 Tricycle w/3 Pt., Dual Hyd., Very Good
Case 2090 Diesel, Cab, Air
IH 3688 Diesel, Cab, Air, 1600 Hrs., Very Nice
1980 IH 1486 Diesel, Cab, Air, Triple Remotes, Dual PTO
1977 IH 1086 Diesel, Cab, Air, 1 Owner
IH 886 Diesel, Cab, Air, Very Nice
1975 IH 1066 Diesel, Cab, Air, Dual Hyd. & PTO, Very Good
IH 966 Diesel w/Year-A-Round Cab, Dual PTO And Hydraulic
IH 766 Diesel, Year-A-Round Cab, 3700 Hrs.
IH 884 Diesel, Cab, Air, Dual Hydraulic, 2900 Hrs., 1 Owner, Very Nice
IH 684 Diesel, 200 SOLD , Very Good
MF 135 Gas
1992 MF 3120 Diesel, Cab, Air, 1000 Hrs., Excel. Cond.

HARVESTERS

Gehl 1260 Harvester, Elec. Controls, 2R Corn & Pick Up Head
JD 5200 Self-Propelled Harvester, Cab Air, 2500 Hrs., Choice Of Heads
JD 2RN Forage Head w/Slip Clutch
JD 2RW Forage Head w/Slip Clutch
JD 3RN Row Crop Head, w/Row Trak
JD 3RW Row Crop Head
JD 7' Pick-Up Head w/Gauge Wheels
JD 6' Direct Cut Head, Like New
JD 16A Flail Chopper

HAY EQUIPMENT

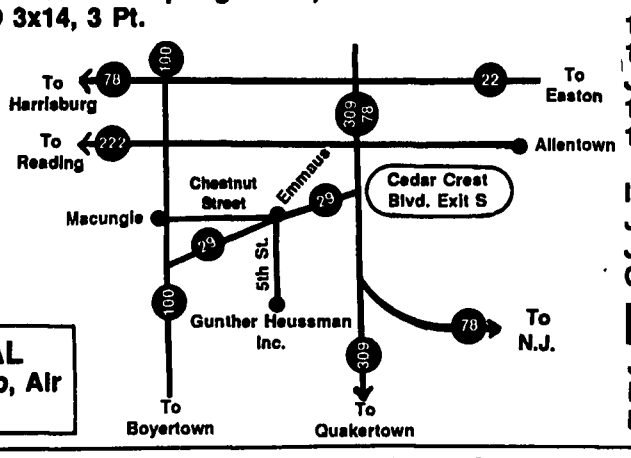
Ford NH 848 Round Baler, Like New
Case IH 3440 Round Baler, Like New
NH 316 Baler w/70 Thrower, Excel. Cond.
NH 315 Baler w/¼ Turn Chute, Very Nice
NH 489 9' Haybine, Stub Guards, Excel. Cond.
JD 430 Round Baler, Good Cond.
JD 347 Wire, Hyd. Tension, Multi Lube, Very Good
JD 327 w/30 Ejector, Excellent Condition
Ford NH 488 Haybine, Stub Guards, Like New
JD 1219 Mower Conditioner Stub Guards, Very Good Condition SOLD
JD 1207 Mower C SOLD ioner, Excel. Cond.
NH 315 Baler, w/70 SOLD wer, Excel. Cond.
NH 846 Round Baler
NH 847 Auto Wrap Round Baler
NH 851 Round Baler, Hyd. Tie
NH 855 Round Baler, Hyd. Tie
New Farmco 18' Steel Side Hay Wagons
Gehl 920 16' Self Unloading Wagon, Tandem Axle, 3 Beater w/Roof
NH 1037 Stack Wagon, Tandem Axle, 105 Bale Capacity
NH 1033 Stack Wagon, Very Nice
NH 1012 Stack Wagon, 56 Bale Cap., Single Bale Unload
NH 1002 Bale Wagon, 56 Bale Capacity, Excel. Cond.
NH 162 4 Star Tedder
Deutz Fahr 4 Star Tedder
Windrow Attachment For JD 1219 MC
Vicon 9' Disc Mower Conditioner

PLANTING EQUIPMENT

JD 7000 6R Conservation, Liquid Fertilizer Insecticide, Frame Mounted Coulters
JD 7000 6RN, Dry Fert., Insecticide, Excellent Condition
JD 7000 6RN Liquid Fertilizer, Insecticide, Monitor, Excel. Cond.
JD 7000 4R Dry Fertilizer, Insecticide, Good Condition

PLOWS

IH 735 5 Bottom Variable Spring Reset
IH 720, 5x18 Spring Reset
IH 720 4x18 Spring Reset
IH 710 5x18 SR On Land
IH 710 4-5-6x16 Spring Reset
IH 55 High Clearance, 13T Chisel Plow
JD 2800, 6 Base Spring Reset Variable Width
JD 2500 6x18 Spring Reset, Excellent
JD 3x14, 3 Pt.



CORN HEADS

JD 244 2RW
JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 643 High Tin
AC 430, 4RN
AC Black 330, 3RN
AC KF 330 3RN
AC A438 Black, 4RW For F2
IH 1044 4RW
IH 843 4RN Corn Head, Excellent
IH 863 6RN
MF 1163 6RN
MF 1163 6RN Used 200 Acres
MF 43 4RN

TILLAGE

Brillion 13½' Roller Harrow, Dual Wheels, Very Good SOLD
Brillion 16' End Transport Cultipacker
JD 12 Or 15 Ft. Pull Type Field Cultivator
JD 635 14' Rock Flex Disc, Like New
JD 230 Hyd. Wingfold Disc
JD 950 12' Roller Harrow
Krause 10' Off Set SOLD
Athens 10' Heavy Duty Rock Flex Disc

MISCELLANEOUS EQUIPMENT

Donahue 18' Implement Trailer
Degman Rock Picker, Good Condition
Brillion 12' Stalk Shredder
Brillion 15' Stalk Shredder
IH 40 Stalk Shredder, Excel. Cond.
Gehl 135 Grinder Mixer w/Scales, Bale Feeder & Small Grain Auger, Used 1 Season
JD 148 Loader To Fit 2840 Thru 2955
JD 260 Loader, Very Good
JD 400 15' Rotary Hoe, Very Good
18x38-18x34-16x28 Duals
JD 4 & 6 Row 3 Pt. Cultivators
JD 875 6R No-Till Cultivator
Woods 60" 3 Pt. Finish Mower
Wic Bale Shredder w/5 HP Elect. Motor, Very Nice

QUALITY COMBINES
(Displayed Inside Building)

1986 JD 6620 Diesel, Titan II, Cab, Air, Hydro, 1300 Hrs., Excel. Cond.
1986 JD 6620 Diesel, Titan II, Cab, Air, Hydro, Choice Of Heads, Very Nice
1988 Case IH 1620 Diesel, 1200 Hrs., Cab, Air Hydro, Excel. Cond.
1982 IH 1460 Diesel, Cab, Air, Hydro, One Owner, Excellent Condition
1980 Gleaner F2 Diesel, Cab, Air, Grain Saver, 23" Rubber, Local Trade
1977 Gleaner F2 Diesel, Cab, Air, Very Good
1974 Gleaner F Diesel w/Cab
JD 3300 Gas, Cab, Air, Choice Of Heads
1985 MF 550 Diesel, Cab, Air, Very Nice
1981 MF 540 Diesel, Cab, Air, 900 Hrs., Very Nice, Choice Of Heads
IH 820 15 Flex Heads
JD 13' Rigid Head, Very Nice
JD 215 & 213 Flex Heads
Chopper To Fit JD 4400 & 6620 Combine

CORN PICKERS

JD 300 Husker, 2 Or 3 Row Head
NI 324 2RW 12 Roll Bed, Late Model
NI 325 2RN, 12 Roll Bed, Late Model

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TRADE IN SPECIAL
1975 JD 6600 Diesel, Cab, Air w/213 Flex Head, $6,950

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1 FARM EQUIPMENT

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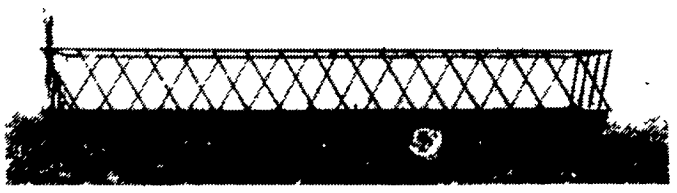
WELL BUILT Rack Wagons

8' wide; 8' high; 16', 18' & 20' lengths
9' wide; 8' high; 16', 18' & 20' lengths

Description & Material Used:

- Two 4x8 fur stringers
- 3x4x8' oak cross members bolted to the fur stringers
- 18 ft. wagons have 9 cross members and 20 ft. wagons have 10 cross members
- Oak flooring nailed to the cross members with screw nails
- Racks are made out of 2" square tubing - 14' guage - 1" square tubing between the uprights
- Swinging door at the back of the wagon; has quick release and swings 270 degrees one way
- Two 4' side openings with quick chain release
- Racks can be easily dismounted
- Painted John Deere Green or New Holland Red

FEEDER WAGONS
16', 21' and 27' lengths
Available with slant bars or self-locking head gates.



A great feature for feeding cattle in meadows or in feed lots. These wagons can be used to feed round hay bales, square bales or silage out of Ag bags or silos, etc.

The added feature of having the head locks make it nice for quick vet checks, etc.
16' has 20 head locks
21' has 26 head locks
27' has 32 head locks

- Feeder bottoms are sand blasted to remove rust & lead

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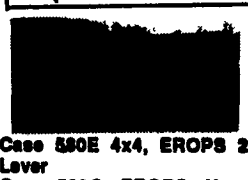
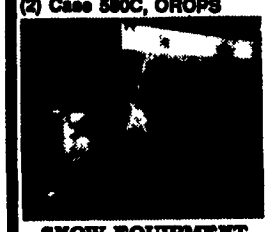
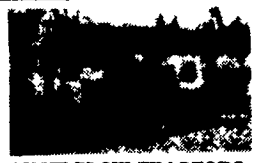


Case 580E 4x4, EROPS 2 Lever
Case 580C, EROPS, Very Clean
(2) Case 580C, OROPS



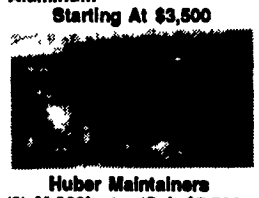
SNOW EQUIPMENT IN STOCK
Used Spreaders, Used Plows, Parts & Accessories. Call For Prices!

1988 Cat 426 4x4 Extend-a-hoe, EROPS, Very Good Cond.



SNOW PLOW TRACTORS
IH 2400A, Gas, Power Angle Plow, Cab, Heater $3,550
1989 Kubota L2550, 938 Hrs., Diesel, Cab, Heater, $4,250
Snow Line V4 Wisconsin Cab $1,950,

Dump Trailers
Hill, Fruehauf, Parker, 26 Ft., Aluminum
Starting At $3,500



Huber Maintainers
(2) M-600's 1 w/Cab $7,500
1 w/Front Blade
(1) M52 - Front & Center Blade $3,750

2) Ford A-62 Leader, ART FWD Ford Diesel, Good Cond. (1) New Engine ...$13,500 each

Austin Western Pacer 300 GM 4-71 Diesel, Cab & Heater, Power Angle Snow Plow, $5,500

Davey 150 CFM Compressor, Ford Diesel, 1600 Hrs., Hose Reels ...$3,900

Case 380 Tractor, 3 Pt., PTO, Diesel, Good Cond., cleaned & painted...$4,750

IH 1700 Dump, 404 Gas, 5x2, P/S, With Spreader & Snow Plow $5,900

Rollers
Rubber Tire, Tandem, 3 Wheel, Starting At $1500

Happy New Year From Everyone At Douglas Equipment!

Nothing runs like a Deere™

NI 705 Unisystem
NI 767 Super Chopper
NI 737 Husking Unit
NI 735 3R Head
NI 710 Combine Unit
NI 713 Cutting Platform

ATTENTION
High Quality Of Used John Deere Farm Equipment Recently Purchased From Local Farmer. All Very Well Maintained.
JD 950 12' roller harrow
JD 425 offset SOLD ed less than 100 acres
JD 210 disk 12' w/cushion gang attach.
JD 1350-1450 5 bt. plow
JD 336 baler w/30 ejector
JD 246 3 pt. 2 row planter

Brand New JD 12' Direct Cut Head for Self-Propelled Forage Harvesters
List Price $12,860
Special $8,500

TRACTORS

JD 2355 MFWD w/110 loader	Coming In
JD 2030 dsl., nice	Coming In
IHC 966, cab, heat, air, engine & torque rebuilt less than 2 years ago	Coming In
JD 4020 Gas, NF	$ 4,750
JD 5200 MFWD w/turf tires, 86 hours, like new	$19,500
JD 2950 MFWD, cab, heat, air	Coming In
JD 4040 4 post, power shift	$16,900
JD 4430, 1977 model, cab & air, QR, new engine	$18,900
JD 2640 w/146 loader, reverser, excellent	Coming In
IHC 1466 Cab & Air, black stripe	Coming In
JD 3020 Dsl w/WF & Cab	Coming In
Deutz DX130, 4 Post, w/3000 Original Hours	$10,900
Case 930 Gas W.F.	$ 4,950

TILLAGE

IHC 700 4X spring reset	$ 1,850
JD 970 Roller Harrow, 12', Like New	Coming In
JD 110 Disc, 11'5"	$ 1,950
(2) JD 5X Model 1350-1450 Plows, Like New	Your Choice $ 1,800
JD F145 5 Bt. Plow w/Coulters	$ 1,000
White 21' Wing Fold Field Cult. Spike Attach.	$ 2,450
JD 3 Btm. 3 Pt. Box Beam Plow	$ 450
JD 5 Btm. Trip Plow	$ 700
JD 6 Btm. Trip Plow	$ 1,100
Pittsburgh 6 Spring Reset	$ 6,000
Power Harrow	$ 350
JD 2 Row Mounted Cultivator	$ 100
JD 16' Drag Harrow	$ 800
JD 12' Disk	$ 400
IHC 710 4BT Safety Trip	$ 1,850

COMBINES & HEADS

JD 4420 w/23.1x26 tires, 1600 hrs., very nice	Coming In
JD 215 flex, black reel, very nice	$ 5,450
JD SOLD rn Head	$ 5,250
JD 4400 dsl. 1976 model 1366 hrs., rotary screen SOLD cab, heat & air, 23.1x26 tires, very nice	$11,900
JD 4400 dsl. 1975 model 2965 hrs., rotary screen cab, heat & air, nice	$ 9,750
JD 4400 dsl. 1974 model 2968 hrs., cab, heat & air, good	$ 8,250
JD 4400 gas, 1972 model 2618 hrs., cab & heat	$ 6,950
JD 6600 dsl. 1976 model 2901 hrs., cab, heat & air, rotary screen, very nice	$14,900
JD 215 flex head w/side hill adapters	$ 4,250
NI #10 1R picker	$ 950
JD 215 flex head, yellow reel, excellent	$ 4,250
JD 4400 Gas Combine	$ 4,995
JD 6600 Combine (Parts)	$ 1,500
MF 510 w/Cornhead & 13' Platform	$ 3,000
JD 213 Flexhead, Yellow Reel	$ 1,500

PLANTERS

JD 7000 6R conservation w/liquid & no-till	$ 3,995
JD 7200 6R liquid w/no-till, excellent	Coming In
JD 7000 6R Conservation Planter w/Dry Fertilizer & Auger Fill	$ 7,950
JD 1240 4R Shoe, No Markers	$ 400
JD 7000 4R Conservation Planter w/Liquid & Frame Mounted No-Till	$ 7,850

HAY EQUIPMENT

NI 272 Cutditioner, Excellent	$ 1,950
JD 327 baler w/30 ejector, very nice	Coming In
NI 486 Round Baler, excellent	$12,000
JD 1219 Haybine	$ 4,850
JD 1209 Haybine	$ 950
NH 38 Flail Chopper	$ 3,950
NH 851 Round Baler	$ 4,950
JD 336 Baler w/Ejector	$ 4,850
NH 488 Haybine, 9'	$ 2,950
NH 68 Baler w/Thrower	$ 1,250
NH 495 Haybine	$ 4,000
NH 273 Baler w/Ejector	$ 1,200

MISCELLANEOUS

Weaverline feed cart model 430 (30 bushel), low hours	$ 3,500
JD 260 Loader	$ 4,950
20.8x38 Snap On Duals	$ 850
Dual Wheels 18.4x34 Snap On, w/Tires	$ 750
Case Rotary Mower	$ 100

FORAGE EQUIPMENT

JD 3940 Harv. w/elect. controls, 1000 PTO w/2R & 5½ Pickup	$ 8,950
JD 2RN Forage Head (Green, 2 Years Old), Like New	$ 3,250
JD 3RN Forage head, nice	$ 4,650
JD 2RW w/slip clutch	$ 1,350
NH 782 harvester w/metal alert, 2RN and grass head, excellent	$ 8,250
JD 3940 Harvester w/Electric Controls, 540 PTO, w/2 Row & 5½ ' Pickup	$ 8,950

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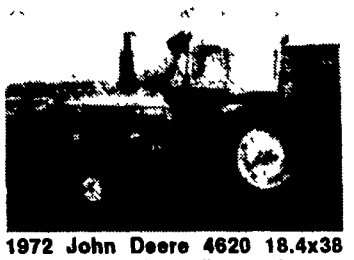
HOURS
MON.-FRI. 7:30-5
SAT. 7:30-NOON

WOODS

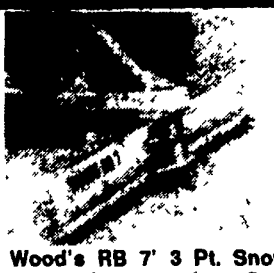
John Deere 210 Garden Tractor w/ Snow Blade, Mower Deck And Lawn Thatcher All In Good Condition.



1972 John Deere 4620 18.4x38 Goodyear Radials, 2R 4,998 Hours, Very Nice.

Massey Ferguson 880 6x16 Hydraulic Reset Plow In Excellent Condition w/Spring Coulters.

Case IH 585 w/2255 Loader, 1,120 Hours, 15.5x38 Tires, 2R, Very Nice Loader Tractor, Loader Is Like New.



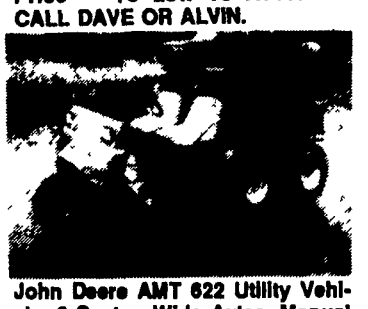
New Wood's RB 7' 3 Pt. Snow Blades, List Price $394.00. Sale Price — To Low To Advertise. CALL DAVE OR ALVIN.

Krause Model 904 19' Wing Disc, 20" Blades, Good Condition (Come To Look At 2 Krause Discs)

International 2350 Loader w/ Brackets, Good Condition, Wow Are These Hard To Find.

New Idea 217 Twin Beater Spreader In Good Condition, Call Before Coming.

Hiniker 7½ ' Universal Front Mount Snowblower.



John Deere AMT 622 Utility Vehicle, 2 Seater, Wide Axles, Manual Dump, Very Good Condition.

COMING IN SOON

1971 International 826 Hydro w/Cab
1976 John Deere 4430 Cab, Quad
Kasco 6' Universal Front Mt. Snow Blade
Case-IH 265 Diesel Offset w/Cult. & Side Dress

FARM TRACTORS

Case 4890 4WD 250 HP, 3 Pt., PTO
Case 4490 4WD 175 HP, 3 Pt., PTO
JD 4620 Cab, Syncro, Very Nice
JD 4020 Cab, Syncro, Super Sharp
JD 2640 Canopy, 38" Tires, Nice
JD 855 Compact 4WD w/Loader
JD 1010 Gas Utility, 5 Speed, Nice
Allis Chalmers 6060 Diesel, Fender
IH 1586 Cab, Air, Axle Duals, 3R, Nice
IH 656 Gas, WF, 3 Pt., Fender
IH 574 Diesel, 3 Pt., 1R, Fender
CIH 585 w/2255 Loader, Low Hours, V. Nice
IH 454 Gas, 1205 Hours, Very Nice
IH 454 Gas, Good Cond., Needs Paint
Farmall 140 w/Cult., 12V Key Switch
Farmall 140 w/Cult., 6V
Farmall C w/Cult., Good Cond.
Farmall Cub w/Your Choice Of Attach.
MF 35 Gas, P.S., 3 Pt., Live PTO

DISC HARROWS

Sunflower 14½ ' Centerfold Offset
JD 630 12' Disc- Like New
White 281 10½ ' Offset Disc
Rhino 167 9' Offset Disc
IH 8' Offset Disc- Small Frame
JD 111 8' Rock Flex Disc (Sharp)
White 252 11' Disc
Kewanee 12' Disc
JD BW 13' Disc
JD 110 14' Disc
IH 470 14' Disc
Bush Hog 12' Cutting Disc
IH 500 13' Cutting Disc
JD KBA 28 Blade Drag Disc
(3) Farmall Cub Drag Disc
Several 3 Pt. Hitch Discs- Call
Krause Model 90 19' Wing Fold
Krause Model 904 19' Wing Fold

MANURE SPREADERS

New Idea 217 Twin Beater
David Bradley ground drive
Farmall Cub spreader
JD R Ground drive
Akey 100 Bu. PTO (nice)
New Idea 18 Ground Drive, Sharp

PLOWS

White 548 6, 7 Or 8x On Land
White 548 6x Auto Reset
IH 720 7x18 Auto reset, on land
IH 710 6x18 On Land, Trip
IH 700 6x Auto reset (sharp)
IH 720 6x16 Auto reset
IH 720 5x16 Auto reset
IH 710 4x16 Auto reset
IH 730 4x Vari-Width, Toggle
(3) IH 710 3x16 Auto reset
(2) IH 2x fast hitch
(2) IH 311 3x fast hitch
White 348 3x16 3 Pt. Cushion
White 508 4x16 Semi-Mt.
Farmall cub and super A, 1X plows
MF 880 6x16 hydraulic reset
(2) MF 57 4x16 roll-over plows
JD 2700 5x18 Auto
JD 2700 7x On Land Toggle Trip
JD 4600 4x18 roll-over on-land hitch
JD F145 3x16 3 pt. plow
Ford 2x 3 pt. plows
(2) IMCO 1x 3 pt. plows
IH 3x 2 Way F.H. Disc Plow
IH 4x14 Pull Type Trip Back
AC 1x 3 Pt. Rollover Plow

CABS

Ford 4000 Cab
JD 2630 Cab
AC 190 Cab
JD 4020 cab
Case 2090 cab (white)
Case 2096 cab (red)
IH 385 roll bar
MF 1105 roll bar w/roof
JD rollbar for 850 compact (new)
JD 2630 rollbar
IH 1066 Factory White Cab

MISCELLANEOUS

6' Fast Hitch Scraper Blade
Apache 3 Pt. PTO Brush Chipper
JD Cat. II Quik Hitch
New side dressers for Cub and Super A
Farmhand 880 Tub Grinder
(15) sets of tractor duals- call
Campbell 400 gal. sprayer
Brillion 8' seeder
(3) Brillion 5'6" seeders- (1 New)
New and Used spike harrows
Manure buckets and loader buckets
Ford 4 cyl and 6 cyl power units
New Long Rotary Tillers, 55", 63" & 72"
(4) Gravity Bin Wagons
1 Row 3 Pt. Tater Digger
New 9" & 12" post hole diggers
Farmall Cub Cultivators & Super 'A'
Pioneer 12KW 3 pt. PTO generator
Westfield 4x11 And 6x16 Augers
Shaver HD8 Post Drivers
MF 10' 3 pt. spring tooth harrow
Brinly Disc And Plow For Garden Tr.
Haban Sickle Bar For Cub Cadet
Knoedler PTO Burr Mill
EZ Flow 10' Lime Spreader

HAY EQUIPMENT

Buffalo Valley 36' Corn & Hay Elevator
New Idea 40' Corn & Hay Elevator
JD 346 Baler w/Ejector
JD 327 Baler w/ejector
NH 68 Super baler
#54 Thrower To Fit 273 Baler
Pequea 710 PTO Tedder
Grimm Hay Tedder
Case IH 3206 7' 3 Pt. Disc Mower
JD 1219 MO/CO like new
NH 477 Haybine
JD 240 64" 3 Pt. Disc Mower
Sitrex 3 pt. 4 wheel rake
MF 3 pt. sickle mower
Case IH 1300 9' 3 Pt. Sickle
IH 1300 9' 3 Pt. Sickle
Ford-NH 451 sickle mower (sharp)
NH 451 7' sickle mower
JD #50 side mount sickle
IH 110 side mount sickle for Super A
IH 1100 7' pull type sickle mower
MF 25 3 pt. rake
NH 55 hay rake
Triumph Hyd. Drive Side Mt. Sickle Mower- Like New
8x20 flat wagon on tandem gear
(3) Bale Throw Wagons

CORN PLANTERS AND DRILLS

MF 448 4R cornplanter
Deutz Allis 385 4R w/dry fert.
JD 7000 6x30 plate type planter
IH 800 4x30 cyclo air planter
(3) MF 2x 3 pt. planter
IH 56 4 row 30" w/fiberglass
(2) IH 249 2 row pull type
IH 56 2 Row Pull Type Planter
MF 33 17x7 DD w/Grass Seed
MF 43 22x7 DD (Sharp)
JD 246 2R 3 pt. cornplanter

ROLLER HARROWS AND PACKERS

P-M 8' cultimulcher, nice
Dunham 14' roller harrow
Dunham 10' roller harrow
(2) Brillion 12' cultimulchers
JD 950 15' roller harrow, sharp
JD 950 12' roller harrow
JD 930 12' 3 pt. roller harrow
JD 12' packer w/end transport
Chatanooga 12' crowsfoot packer
(2) Brillion 10' packer w/4" axle
Dunham 12' w/end transport
Brillion 10' Packer w/14" Wheels (New)

COMBINES

1974 JD 4400 diesel rotary screen
JD 213 Flex Black Reel, Sharp
(2) JD 213 flex head, yellow reel
JD 15' grain head
JD 10' grain head
6T Lo Profile Header Transport
JD 343 3RN Corn Head

HARVESTERS AND PICKERS

JD 300 Husker w/2RW Head
JD 3970, elec. controls, long tongue, nice
IH 781, elec. controls, hay head
JD direct cut head
New Idea 325 2RN 8 roll
New Idea 324 2RW 12 roll, late
New Idea 324 2RW 12 roll
JD 2RW To Fit 3800 Harv.
NH 717 R2 Harv. Head
New Idea 323 1 Row Picker

LOADER ATTACHMENTS

IH 2350 Loader, Good Cond.
JD 145 w/6' Bucket And Valve
Ford one arm to fit 600-800
Snow blades for Farmall Cub And Super-A
Sauder Snow Blade
IH 3050 to fit IH 574 Or Similar
Ford Loader To Fit 3000, Etc.
Bush Hog 2840 QT To Fit FO7700
Hesston L350 QT Loader
Snow Blade For Farm 'C'

ROTARY MOWERS

John Deere 1508 15' Wing Mower
Alamo TK-15' Wing Mower
New King Kutter 4', 5', 6' mowers
Woods RM 400 estate
Woods RM 500 estate
Woods RM59 estate
Mott flail to fit cub
New Woods S260 3 pt. ditch/bank
New Woods 59C belly mower for cub
New Woods L59 for Super A
New Woods L59 for AC 'B'
Woods L306 to fit Ford 8N
Bush Hog 5' 3 pt. flail mower
JD 1008 10' 3 pt. mower, 1000 PTO
FMC Sidewinder 12' 3 Pt. Rotary Mower
M-C 7' 3 Pt. Flail Mowers

CHISEL PLOWS & FIELD CULTIVATORS

IH 6500 11' Consertil Chisel (Soil Saver)
JD 1710 11' Disc Chisel (Soil Saver)
Hiniker 1120 18' Flat Fold Field Cult.- Sharp
Kewanee 20' hyd. fold 3 pt. field cult.
IH 45 12' 3 pt. field cultivator
(4) IH 45 18' field cultivators, pull type
Lorenz 13' field finisher w/rolling baskets
IH 11' 3 pt. 5500 chisel
JD 10' pull type chisel
(4) JD 1600 10' 3 Pt. Chisel And 12'
Brillion 10' pull chisel
IH 55 7' pull type chisel
IH 55 10' pull type chisel or 12'
Glencoe 7' And 9' Pull Chisels

IF YOU DON'T SEE IT ADVERTISED, GIVE US A CALL

1 FARM EQUIPMENT

OPEN HOUSE JANUARY 3-8

USED TRACTORS

TAG#	DESCRIPTION	HOURS
	Ford TW15 4WD w/Cab, Exc. Cond.	
	Farmall Super M	
	Farmall Super C	
8463	Farmall 300 Gas w/Torque Amplifier w/Fast Hitch	
8452	Farmall M	
8423	IH 656 Gas w/Loader	3748
8415	Ford 5030 2WD Dual Power	224
8408	Ford 6640 2WD ROPS w/QA Loader, Exc.	90
8403	Ford 7710 4WD w/Cab, Exc. Cond.	1423
8342	Farmall H w/Loader	
8329	Ford 4000 Diesel 8x2 Trans.	521
8326	Ford 4000 SOS w/ROPS	
8309	Ford 600 w/Loader	
8269	Ford NAA w/5' Sickle Bar Mower	
8261	Case DC Tricycle	
8237	Ford 3000 Gas 8 Speed 1969 Model	3482
8213	Ford 9N Overhauled Motor	
8212	Ford 8N	
8191	Ford 9N w/Loader	
8097	Ford 5000 Dual Power 2 Remotes 540 & 1000 PTO	5931
8484	Ford 3000 Gas	

HAYBINES

8306 IN 8830 Haybine Diesel SP Hydro 12' Header
8239 New Holland 479 Haybine
8198 New Holland 489 Haybine Rolls/Good
8159 New Holland 489 Haybine

HARVESTER & FORAGE

8439 IH 56 Blower 540 RPM
8422 McCurdy 190 Gravity Box w/8 Ton Gear
8402 Gehl 72 Crop Chopper
8160 Gehl 95 Grinder Mixer
7880 New Holland 38 Crop Chopper, Exc.

COMPACT DIESELS

8491	Mitsubishi S373D 4WD w/Loader & Backhoe	497
8449	Ford 1220 4WD Loader & Backhoe	445
8434	Case IH 1120 4WD w/60" Deck & Snow Plow	187
8416	Ford 1900 2WD Turf	
8332	Kubota S1800 Diesel 48" Mower Blade & Blower	
8298	Mitsubishi MT210 w/Loader	719
8265	Ford 1710 4WD w/Loader, Exc.	435
8252	IH 185 2WD Low Boy Turf w/60" Deck	
8163	Ford 1220 4WD Turf Hydro, Exc. w/New Short Block	
7967	Ford 1120 4WD Turf w/New 60" Mower	108

COMBINE

7992 New Holland TR86 Combine 2WD w/6 Row Corn & 16' Grain Head 845
7772 Ford 620 Gas Combine w/13' Head

INDUSTRIAL & SKID LOADERS

7974	New Holland L785 Skid Loader	
8490	Ford 555B TLB 2WD	1118
8478	NH L445 Skid Loader Gas Wisc. Coll Air Eng.	860
8432	New Holland L555 Boom Hyd	1313
8327	New Holland L555 Skid Loader Perkins Engine	2897
8288	Case 850 Dozer 10' 6 Way Blade	938
8228	New Holland L-553 Skid Loader	1790
8209	IH 1750 Loadstar Dump Truck w/Snow Plow	

BALERS & RAKES

8433 NH 575 Baler w/Chute, Exc.
8475 NH 273 Baler w/Thrower Exc.
8431 NH 163 17' Tedder 2 Yrs. Old
8429 JD 336 Baler w/Kicker Elec. Control
8284 New Holland 1038 Pull Type Bale Wagon
8217 New Holland 67 Baler w/Thrower
8211 New Holland 144 Hay Inverter Ground Drive
8201 Case IH 96H Hay Rake Hydro Drive

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All Steel Frame Hay Wagon, 8x18
All Sizes, Steel Hay Feeders
24' Feeder On Whls.
Self Locking Panels

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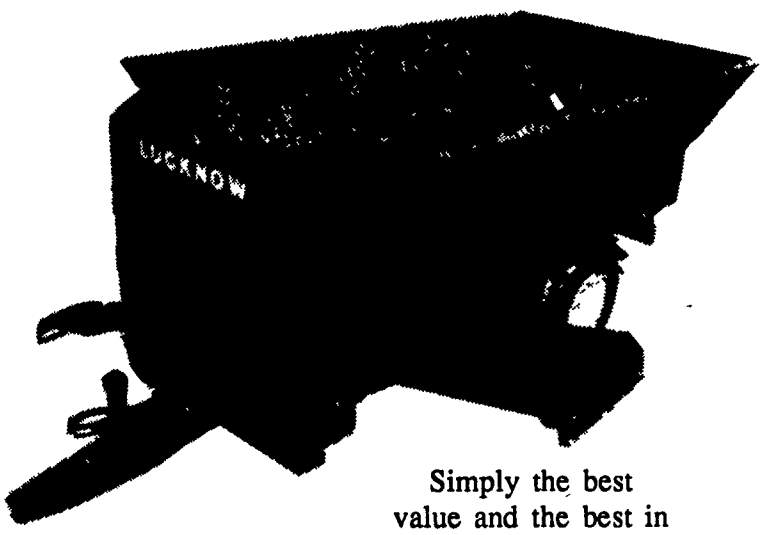
Windber, PA (814)467-8839

Case 380 dsl., cab, ldr., 3 pt & PTO, 48 hp
IH 5488 C/A 2800 hrs..... $23,500
IH 504 Gas, nice..... $4,800
Case 2590 w/Cab & rebuilt Engine .. $16,500
Case 1070 fender tractor..... $6,800
Case 2290 Cab, Air..... $12,900
Belarus 31 HP. dsl. w/ldr & PS. 197 hrs
Used Snow Blowers 5' to 8 1/2' 540 & 1000 PTO
JD, IH, McKee, Lorenz and New Idea
JD 5 ½' front mount PTO driven

THE LUCKNOW MIXER WAGON



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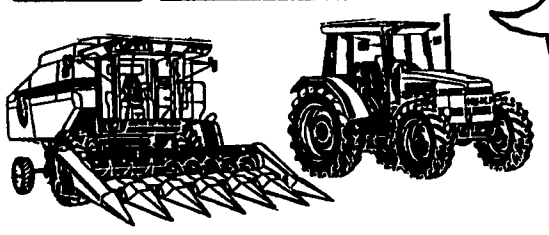

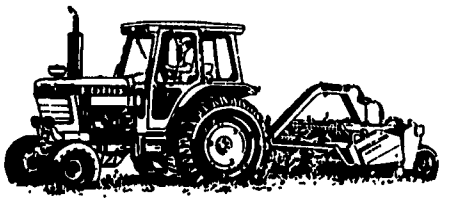

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*** 3 LOCATIONS ***
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6:00 PM-9 PM
Sat.-Parts 7:30 AM-1 PM
Sales 7:30 AM-4 PM

FORD NEW HOLLAND

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Mon.-Fri. 7:30 AM-5:00 PM
Sat. 7:30 AM-12:30 PM

TRACTORS

AC 7050D w/Cab, Air, Heat
AC 6080D w/Roll Bar & Canopy
AC 190XT D
AC 7030 D w/Cab
AC D19 3 Pt. Hitch
AC WD
Farmall 560D
Farmall M, Excellent!
MF 85, Excellent
JD 60
White 1855D
Case 500
Zetor 6245D w/Leon 690 Loader, Only 1003 Hours
Ford 8000D
Ford 4000D w/Loader

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner K w/10' Grain & 238 Corn Heads
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
NI 323 1-Row Picker, Excellent!
AC 630 Corn Head For N Or R Series Combines
JD 334 3-Row Corn Head
(2) JD 235 2-Row Corn Head
IH 815 w/Cab, 13' Flex Head & 438 Corn Head

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MF 11' Disc Harrow, Pull Type
JD 9' Disc Harrow, Pull Type
AC 2000 6-Bottom Plow, On Land
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows
AC 600 Planter, 6-30" Row, Demo
AC 333 Planter, 4-30" Row

HAY TOOLS

NH 1499 Haybine w/12' Head, Like New
NH 1495 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler

FORAGE HARVESTERS

NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
Gehl 400 Harvester w/2R Corn Head
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
(2) Farm Hand Grain Bodies, 135 Bu. w/ Running Gear
Gehl 940 Forage Wagon
Danco Forage Wagon

MANURE SPREADERS

NI 351B 177 Bu.
NH 368 Tank Spreader
NH 302

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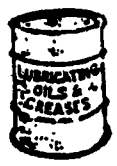

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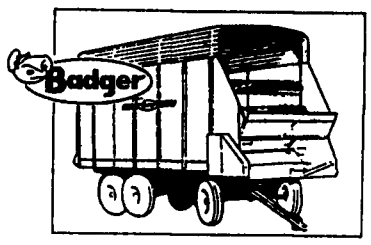

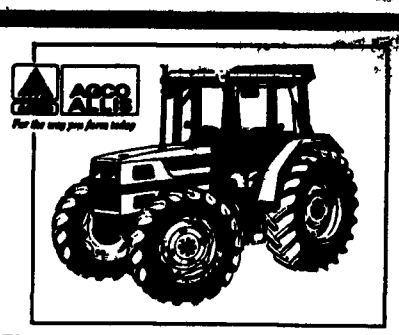

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JD 2955, MFWD, w/cab, SGB, very nice
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JD 4450 SGB, MFWD, power shift, very nice
JD 4640 SGB, quad w/front wheel assist
JD 4440 SGB, power shift
JD 4240 SGB, quad
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JD 4630, SGB, power shift, hyd. front
JD 4430 SGB, quad, new radials
JD 4430 SGB, 3400 hrs., nice, w/no air
JD 4230 SGB, quad, very nice
JD 4030 quad fender tractor, '77 model
JD 4020 gas, power shift, WF
JD 3020, diesel, NF, power shift
JD 830D 2 cyl.
JD 300 hydro lawn mower
JD 318 hydro lawn mower
JD 316 hydro lawn mower

1978 Peterbilt cabo... Cummins, big cam, 13 ...tandems, AC, 550,000 to... well maintained, very solid with records since new. SOLD

'83 Case 2090 cab, air, Power shift, 2063 hrs., very nice
IH 3588, 2+2, Nice Tractor
IH 3488, 1984, Factory Cab, Air, Hydro., Low Hrs.
IH 1486 Factory Cab, Air, 1979 Red Power
IH 1086 cab, air 3500 hrs., very nice
IH 1086 cab, air, sharp
IH 986 factory cab, air, 18-38 tires, nice w/2600 hrs.
IH 986 factory cab, air, 2500 hrs., sharp
IH 986 factory cab, air
IH 886 4 post, 2900 original hrs.
IH 786 fender tractor, 1 owner, 2600 hrs.
Case IH 885 fender tractor, 38" tires, roll guard
IH 684D
IH 84 hydro, 2800 hrs.
IH 1466 red cab w/air, 2800 hrs., very nice
IH 1468 V8 cab, air, very nice
IH 1066 red cab w/air
IH 1066 fender tractor
IH 1066 w/year-a-round cab, air, very nice
IH 1066 White cab w/air
IH 100 hydro, cab, air
IH 966 w/cab & air
IH 966 red cab w/air, sharp
IH 966 fender tractor, WF, 3 pt.
IH 806 SOLD el WF
IH 560 SOLD NF, fast hitch
Farmall H
White 2-70 w/roll guard, 1400 original hrs., very nice
AC 185 diesel, 2800 hrs., nice

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IH 720 6x16" auto reset
IH 720 5x18" auto reset
IH 720 5x18" toggle trip plow, semi mount
IH 710 auto reset on-land hitch, 7b, 16"
IH 710 4x16 auto reset
IH 700, 5x16" auto reset
IH 470, manual fold 16' disc, needs blades
IH 480 Wing Fold Disc
JD 210 Disc
Kewanee rock flex wingfold disc, 21½'
JD 10T chisel
Case 12T chisel
KMC disc chisel
IH 550 spreader
JD 510 round baler
JD 640 hay rake
IH 2355 Quick Attach Loader, For IH 88 Series
Brady 1440 12' stalk chopper
Factory JD WF to fit 520 thru 730
Factory JD WF to fit 3020 thru 4020
(2) '90 Case 1840 skid steer
Case 1835C, diesel, skid loader

Combines

1983 JD 7720 combine, nice
JD 4420 air, monitors, header height
1976 JD 4400 diesel, nice
JD 4400D, air, 1974 model

Heads

MF 1163 6RN
MF 1143 4RN
MF 1859, 16' 6 Bat Ull Reel
MF 1859, 13', Flex
IH 943 4RN, very nice
IH 843 4RN, Good
IH 810 ridgid head, nice condition
JD 443 4RN High Tin, Very Nice
JD 444 hi-tin, very nice
JD 216 flex Black Reel
JD 213 flex, black reel
JD 13' & 15' rigid head
JD adapter for ear corn head to chopper
NI 766 hay pickup head
NI 713 grain head
NI 763, 3 Row Chopper Head
NI 741 quick attach throat

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IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
IH 706 gas tractor
IH dual PTO units
IH 826 diesel
IH 1026 hydro
Farmall 400 & 450 D & gas
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NI 702 D & 701 G & 702 G
NI 717 combine
JD 4020 dsl., powershift
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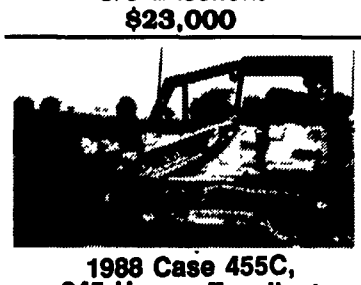
$23,000

1987 Kawasaki 3800 Hr. In Excellent Condition



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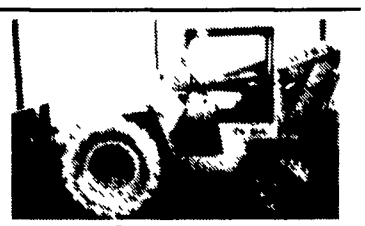
$23,900



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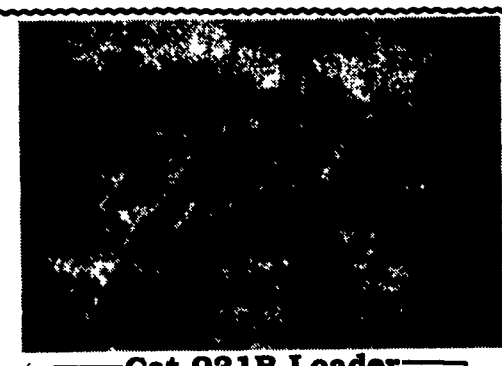

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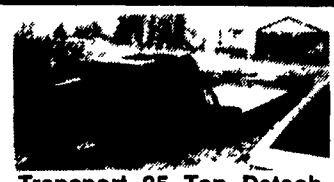

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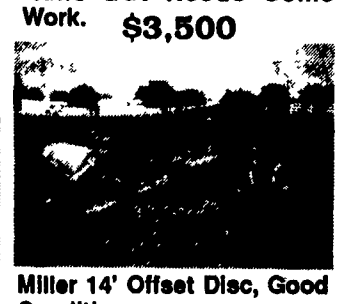
Hough 90 Diesel Loader, Runs But Needs Some Work. $3,500

1988 Vermeer 1200 Wood Chipper, 1661 Hours, Ford Gas, Runs Good. $6,900

Tow Behind Cinder Spreader, I Have 2. Each $1,000

1977 Fiat 345B Wheel Loader With Forks, Diesel, Articulated. $9,500



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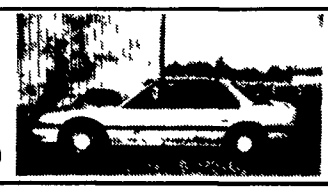

1988 Honda Accord 4 Dr., 5 Spd., Air, AM-FM Cass., 77K Miles, Runs Good, Blue. $5,450

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1977 Ford F350 28' Bucket Truck	$3,500
1986 Chevy Silverado Pickup	$3,700
1972 Ford F600 Dump - Gas	$3,900
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1988 Honda Accord - 4 Dr - 5 Spd	$5,450
1987 Honda Prelude SI-5 Speed	$5,650
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1989 Acura Legend L Sedan-Auto	$14,500
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JD 300 Diesel - 1968	$7,900
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JD 310B - Cab - 1984	$14,750
JD 310C - Cab - 1986	$19,500
(2) JD 510B - Cab - Ext - 1984	$22,500
Case 680K - Cab - 1987 - 4 In 1	$24,500
JD 710B - Cab - 1984	$26,500
JD 710B - Cab- 1985	$26,500
Case 580K - 4x4 - Cab - 1988	$26,500
JD 410C - 4x4 - Cab - 1987 - Ext.	$29,500
JD 510B - 4x4 - Cab - 1985 - Ext.	$29,500
JD 410B - 4x4 - Cab - 1985	Coming In
JD 510B - Cab - 1984	Coming In

SKID LOADERS

NH L35 - Diesel - 1972	$5,900
NH 555 - Diesel - 1984	$9,500

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Miller 14' Offset Disc	$3,900
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Advance Retreiver 5600D Sweeper	$5,900
Galion 503 Grader - Gas	$6,900
Vermeer 12" Brush Chipper - Gas	$6,900
IR 160 Diesel Compressor - 1990	$8,500
JD 760 Scraper	$9,900
Tampo RS28B 84" Vib. Roller	$17,500
Fiat FG85 Grader - 1982	$16,500
Tampo RS28D 84" Vib. Roller - 1982	$24,500
JD 690B Excavator - 1982	$29,500

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IH TD5 - Winch - No Blade	$2,700
MF 200 - 6 Way	$8,900
IH TD8E - 6 Way - 1979	$19,500

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Cat 977H - As Is - 1962	$3,900
IH 500C - 1969 - 4 In 1	$4,800
JD 450 - 1966 - Diesel	$5,000
JD 350 Diesel - ROPS - 1969	$6,500
Cat 941 - Diesel - 1968	$9,500
Case 1155D - 4NI - 1983	$24,500
CAT 983 - Cab - 1969	$28,500

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(2) 1994 5 Ton Tag-A-Long - 6.5x18	$2,195
(3) 1994 5 Ton Tag-A-Long - 8x18	$3,350
1979 Warren 12 Ton Tag-A-Long	$3,500
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1973 General 20 Ton Air Brakes	$6,900
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JD 544A - Cab - 2 Yd. - 1971	$16,500

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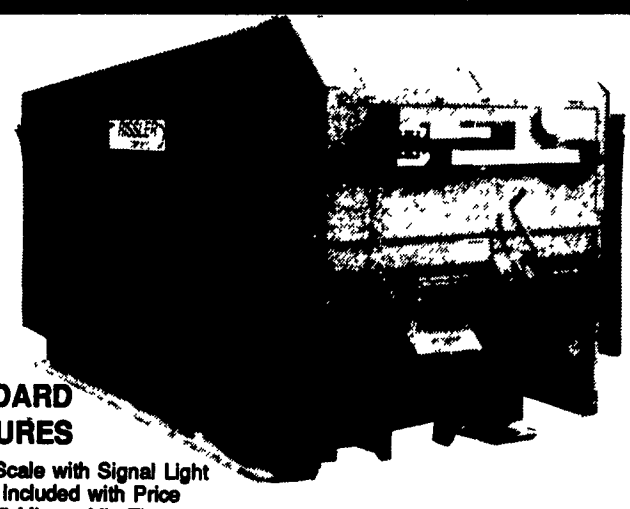

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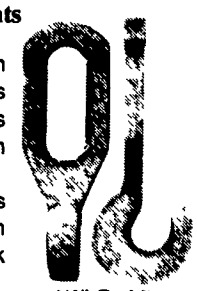

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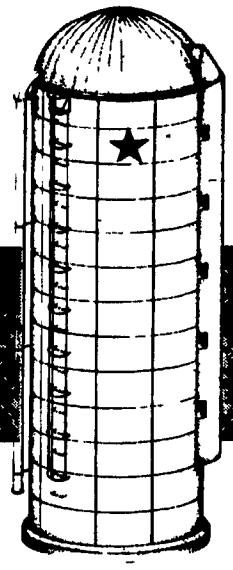

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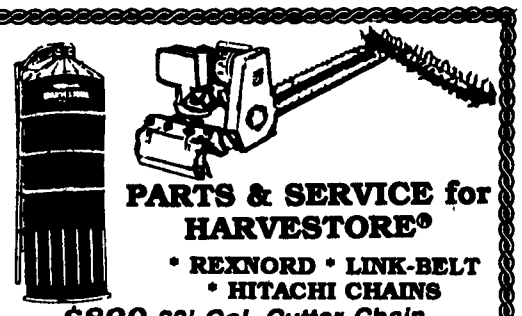

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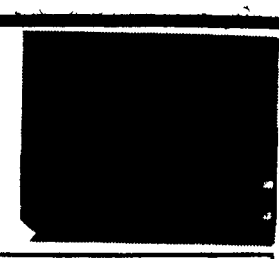

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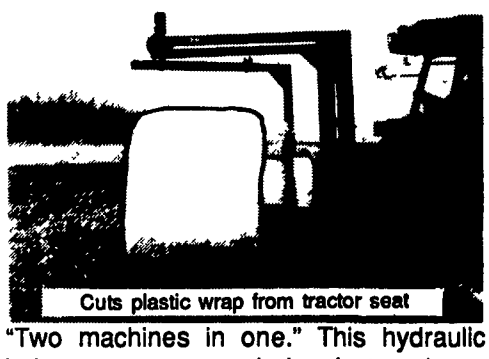

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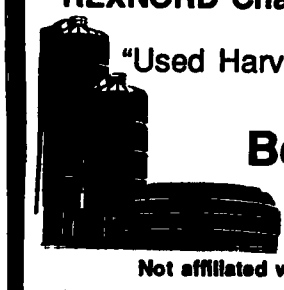

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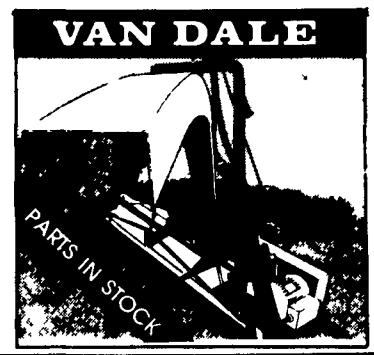

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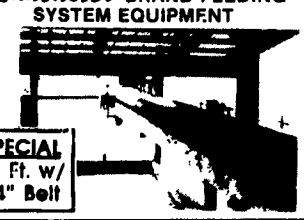

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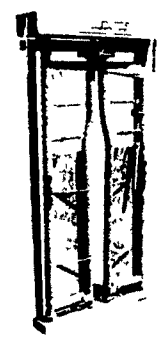

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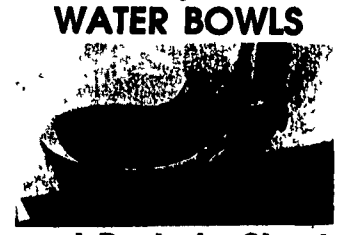

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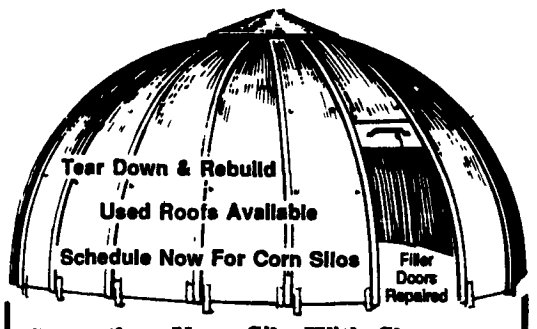

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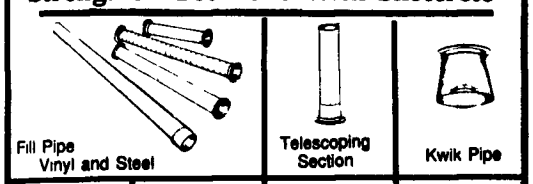

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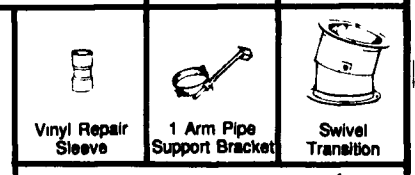

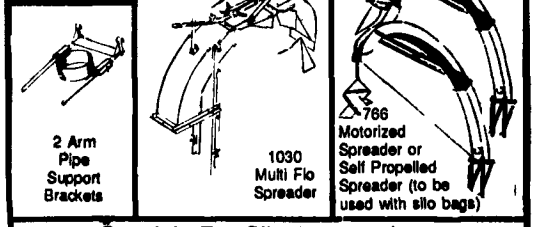
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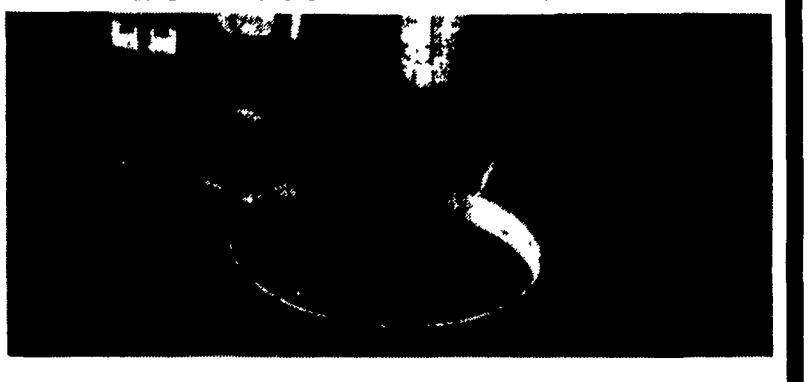

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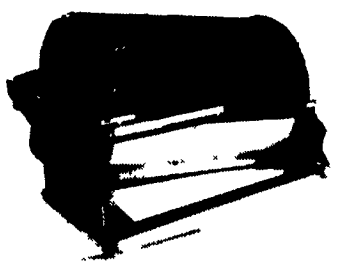

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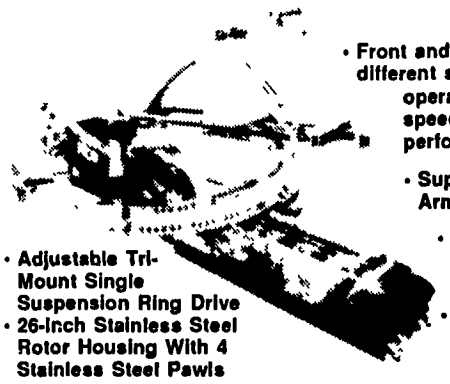

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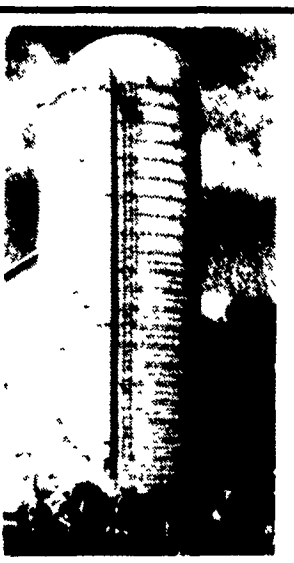

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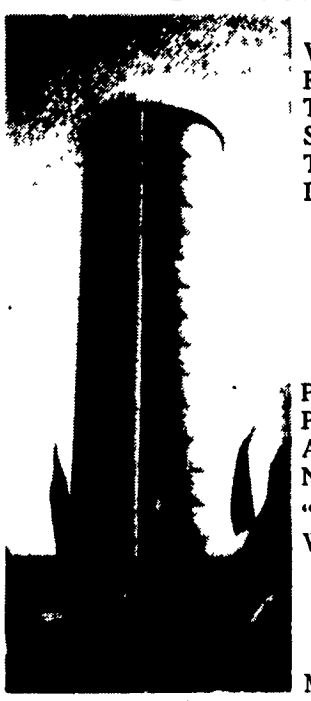

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